

GENERAL NOTES:

- EXISTING CONDITIONS ARE BASED ON A LIMITED FIELD SURVEY. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION OF EXISTING CONDITIONS FOR ALL CONFLICTS AND SHALL ALERT ENGINEER PRIOR TO COMMENCEMENT OF NEW WORK AND PURCHASE OF EQUIPMENT.
- DO NOT SCALE DRAWINGS. LINE WORK SHOWN IS SCHEMATIC. CONTRACTOR SHALL PROVIDE SHOP DRAWINGS BASED ON DESIGN INTENT, SURVEY OF EXISTING CONDITIONS, AND COORDINATION WITH OTHER TRADES.
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- PATCH/SEAL ALL OPENINGS AND PENETRATIONS TO MATCH SURROUNDING FINISH(ES).
- ALL EXISTING EXHAUST DUCTWORK, GRILLES, ETC TO REMAIN.

KEYED NOTES:

- 1 THERMOSTAT TO BE DEMOLISHED AS PART OF ADD ALT. 1. SEE SHEET M001. THERMOSTAT TO REMAIN AS PART OF BASE SCOPE



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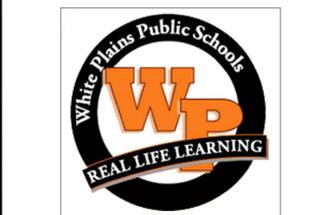
MARK	DATE	DESCRIPTION
	10-16-23	FINAL BID DOCUMENT
1	11-01-23	ADDENDUM #1



DESIGNED BY: [] DRAWN BY: [] CHECKED BY: [] REVIEWED BY: QA/QC
PROJECT NO.: WPSD 2205 DATE: OCTOBER 2023 SCALE:

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

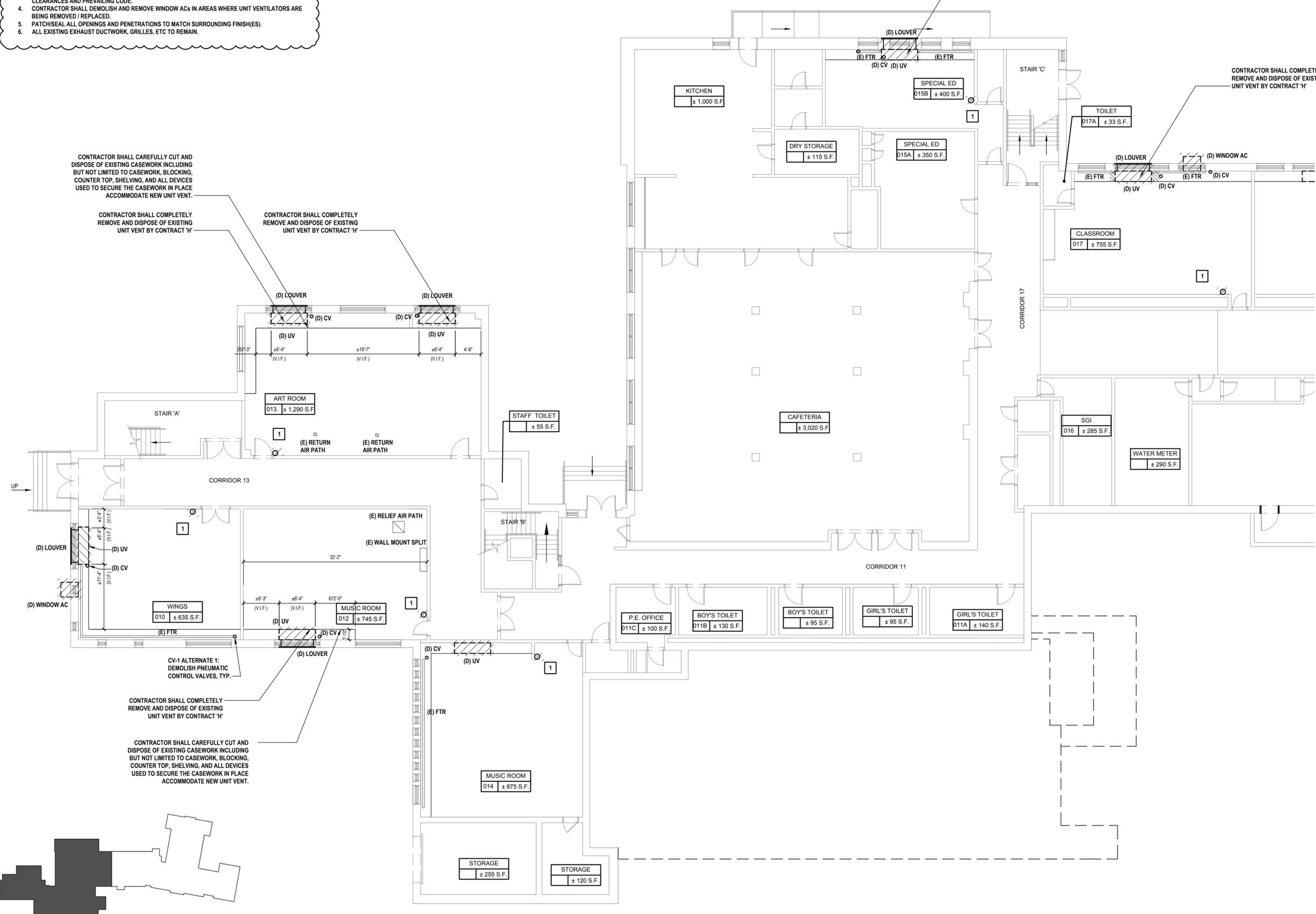
SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL GROUND
FLOOR PLAN PART A**

DRAWING No.
MD100.00



Key Plan

Ground Floor Plan Part A
SCALE: 1/8"=1'-0"

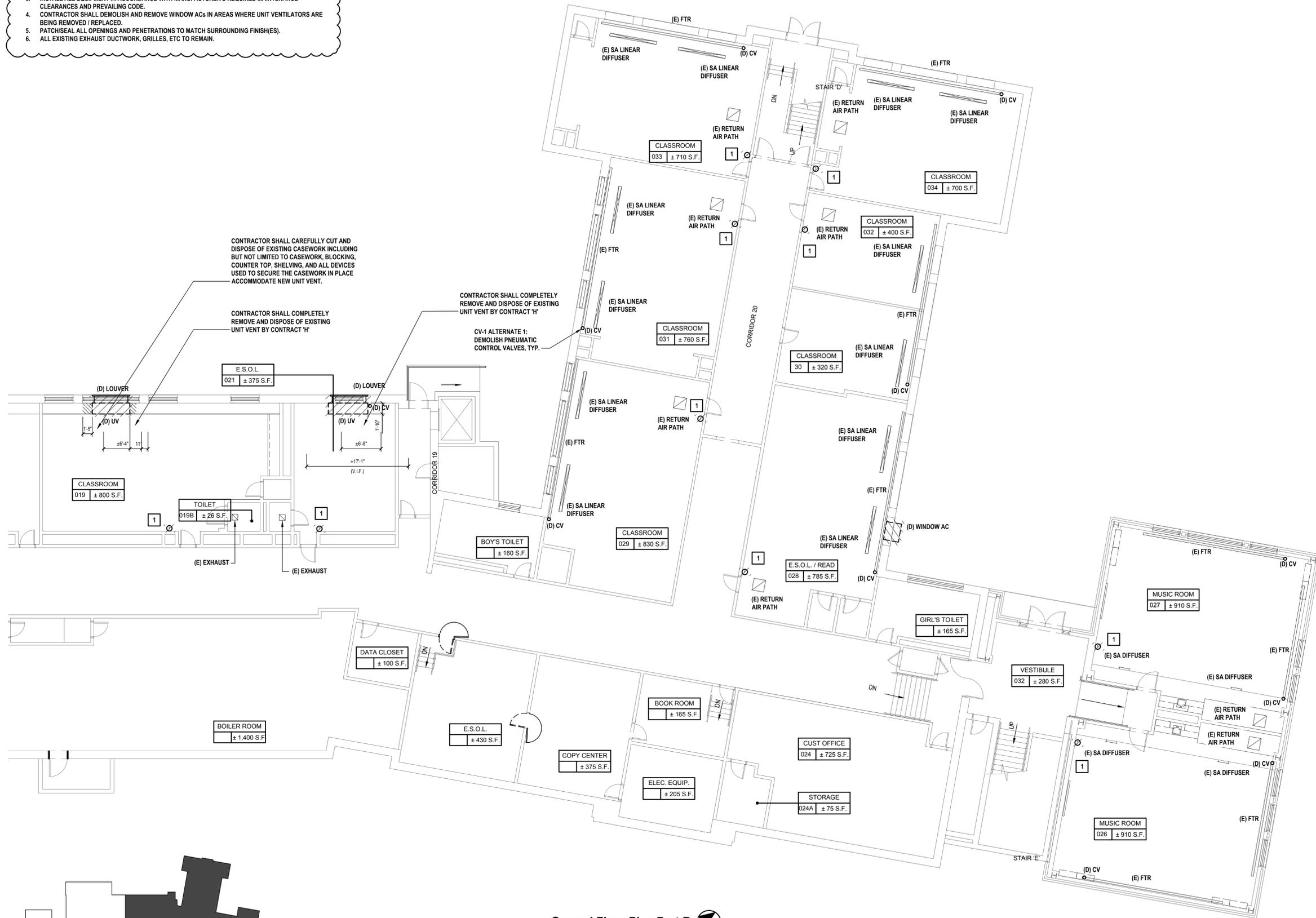
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GENERAL NOTES:

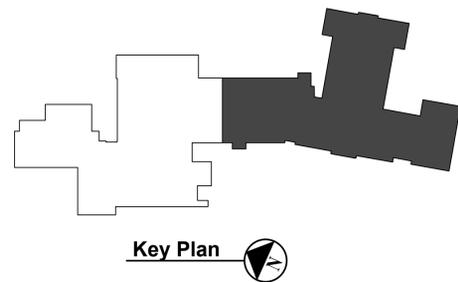
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KEYED NOTES:

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Ground Floor Plan Part B
SCALE: 1/8"=1'-0"



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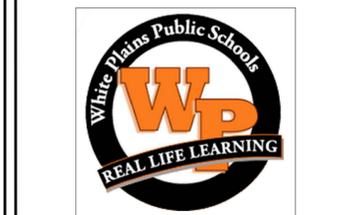
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1	11-01-23	ADDENDUM #1



DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
MJV	KCM	MJV	QAQC
PROJECT NO.:	DATE:	SCALE:	
WPSD 2205	OCTOBER 2023		

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL GROUND FLOOR
PLAN PART B**

DRAWING No.
MD101.00

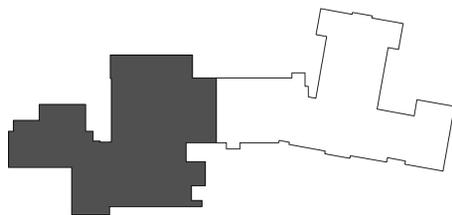
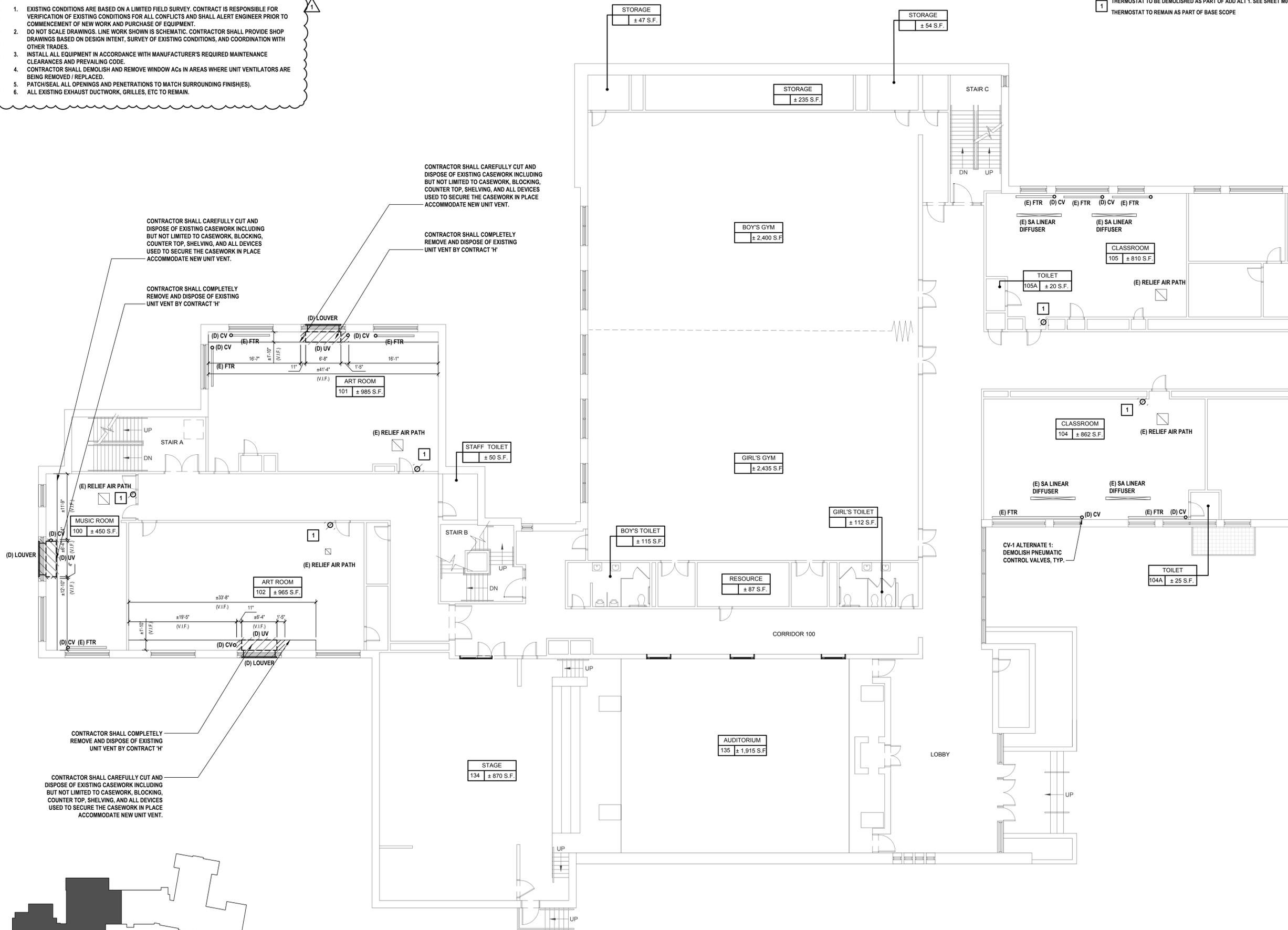
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Key Plan

First Floor Plan Part A

SCALE: 1/8"=1'-0"



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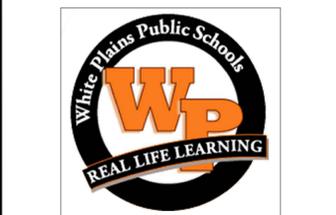
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DESIGNED BY:	MJV	DRAWN BY:	KCM	CHECKED BY:	MJV	REVIEWED BY:	QAQC
PROJECT No.:	WPSD 2205	DATE:	OCTOBER 2023	SCALE:			

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL FIRST FLOOR
PLAN PART A**

DRAWING No.
MD110.00

X:\WPSD\White Plains Central School District - 108011WPSD 2205 - AC & Ventilation at Mamaroneck Elem. School\02-BIM\CADD\Contractor\MD110.00 Mechanical First Floor Plan Part A.dwg, Last Modified: No. 01, 2023, 2:23pm, Plotted on: Nov 01, 2023, 3:46pm by Administrator

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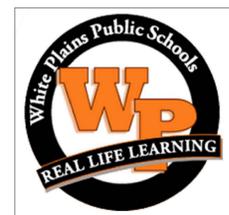
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1	11-01-23	ADDENDUM #1



DESIGNED BY: MJV	DRAWN BY: KCM	CHECKED BY: MJV	REVIEWED BY: QAQC
PROJECT NO: WPSD 2205	DATE: OCTOBER 2023	SCALE:	

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



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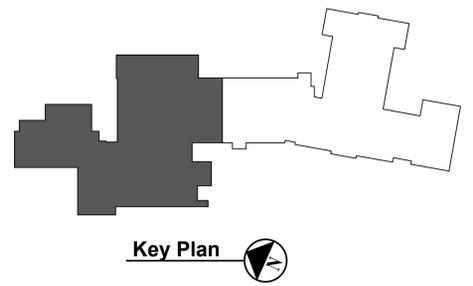
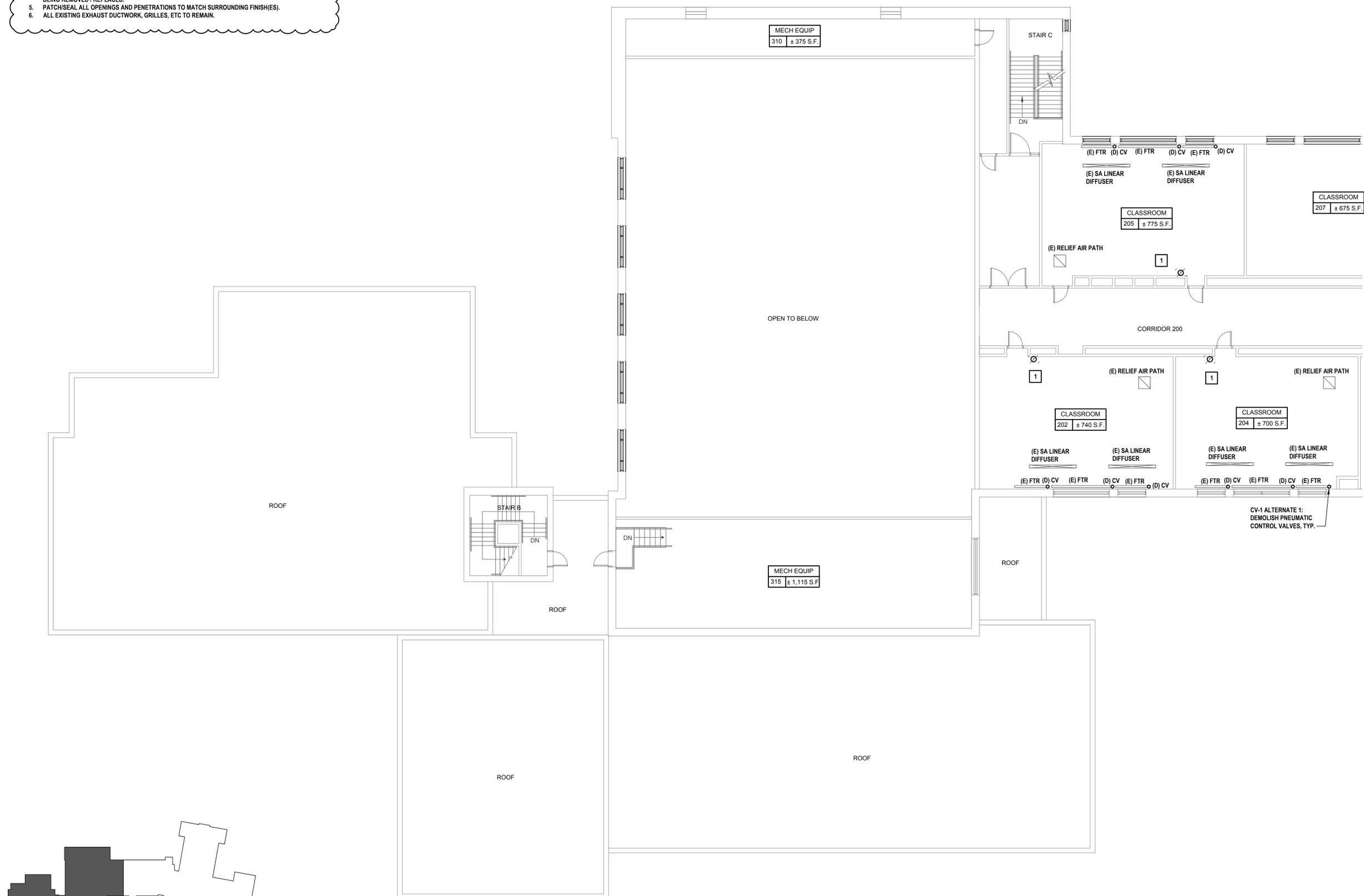
SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL SECOND FLOOR
PART A**

DRAWING NO.
MD120.00



Second Floor Plan Part A
SCALE: 1/8"=1'-0"

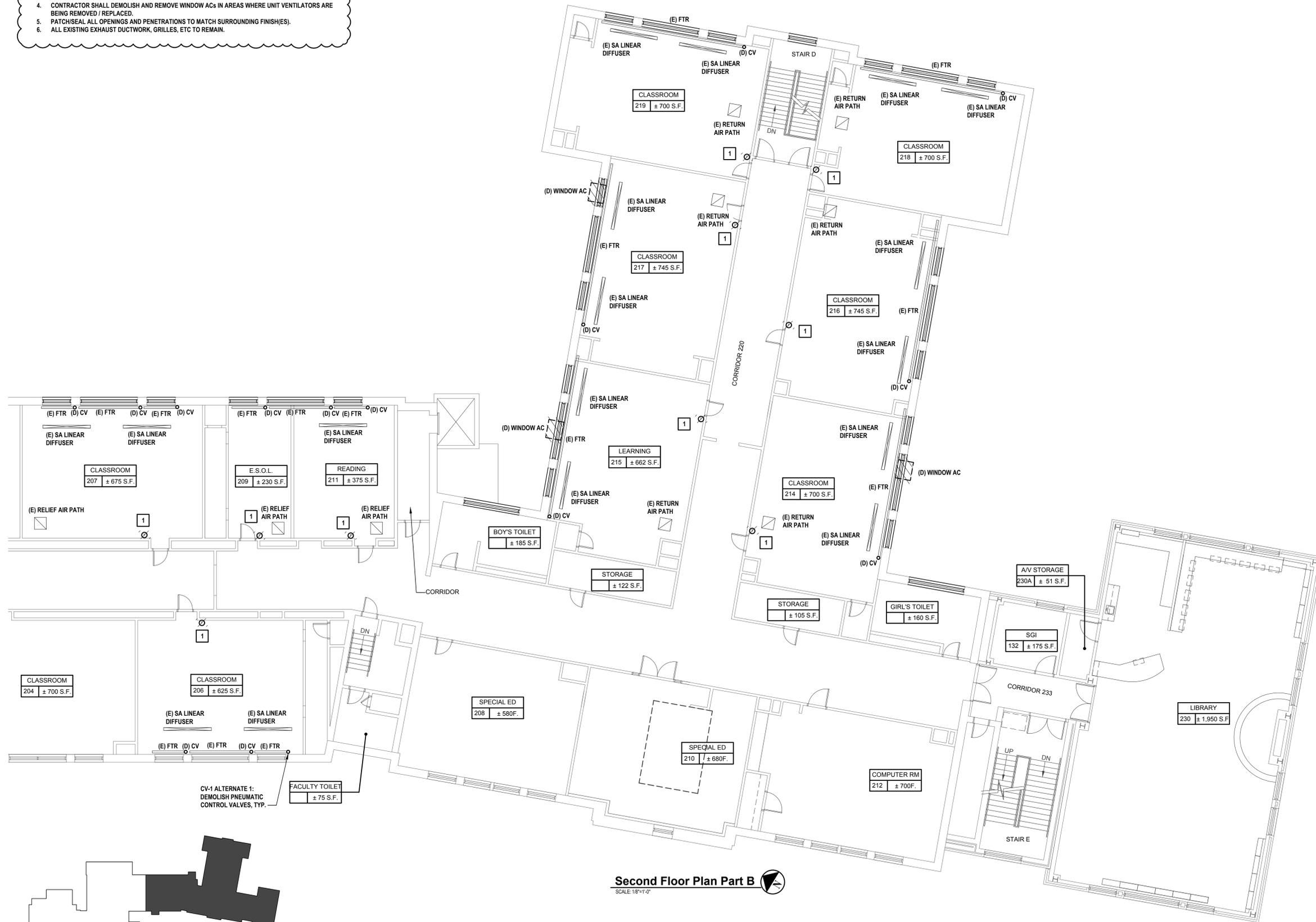
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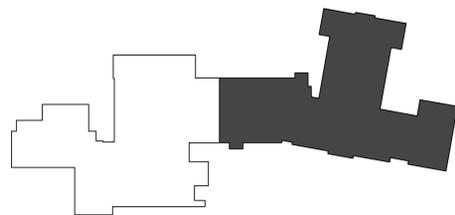
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Second Floor Plan Part B

SCALE: 1/8"=1'-0"



Key Plan



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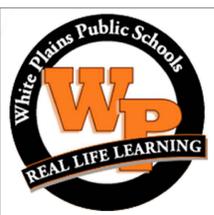
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1	11-01-23	ADDENDUM #1



DESIGNED BY: MJV	DRAWN BY: KCM	CHECKED BY: MJV	REVIEWED BY: QAQC
PROJECT NO: WPSD 2205	DATE: OCTOBER 2023	SCALE:	

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

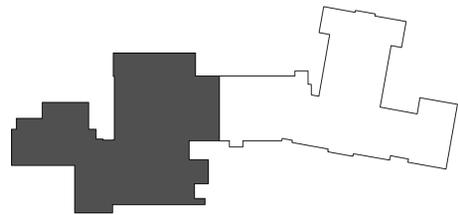
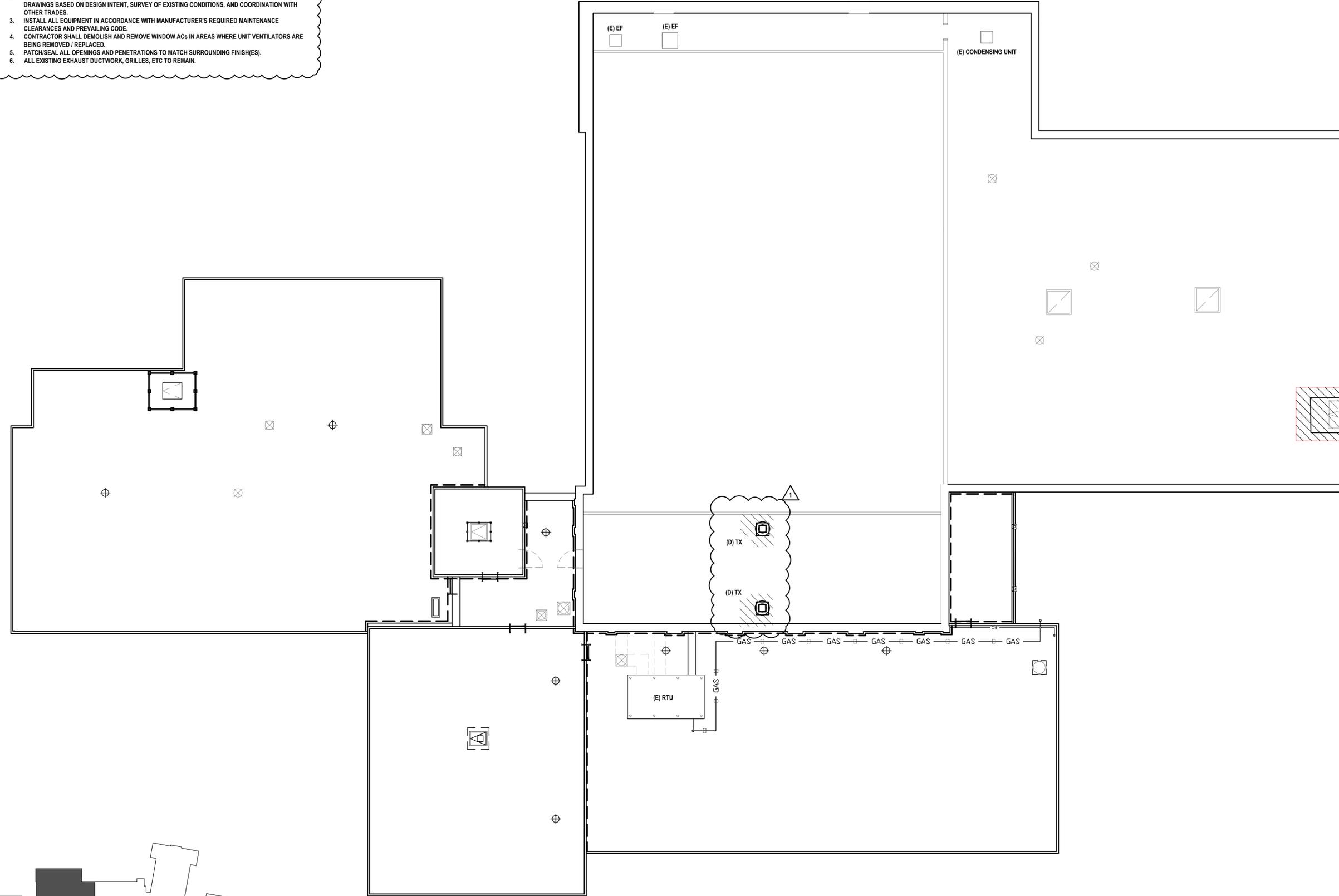
SHEET TITLE
**MECHANICAL SECOND FLOOR
PLAN PART B**

DRAWING No.
MD121.00

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Key Plan

Roof Plan Part A
SCALE: 1/8"=1'-0"



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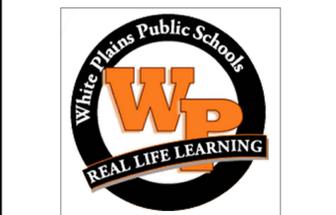
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1	11-01-23	ADDENDUM #1



DESIGNED BY: MJV	DRAWN BY: KCM	CHECKED BY: MJV	REVIEWED BY: QAQC
PROJECT NO: WPSD 2205	DATE: OCTOBER 2023	SCALE:	

CLIENT
White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL ROOF PLAN
PART A**

DRAWING No.
MD140.00

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1	11-01-23	ADDENDUM #1



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MJV	KCM	MJV	QAQC
PROJECT NO.:	DATE:	SCALE:	
WPSD 2205	OCTOBER 2023		

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White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School

7 Nosband Ave.
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NO. 66-22-00-01-0-010-017

CONTRACT

**CONTRACT H
HEATING VENTILATION AND AIR
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STATUS

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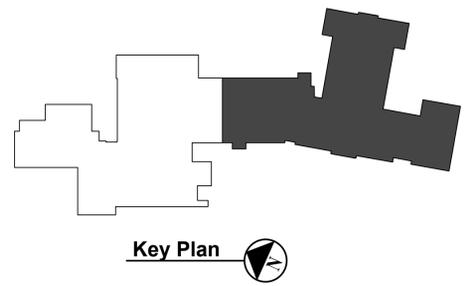
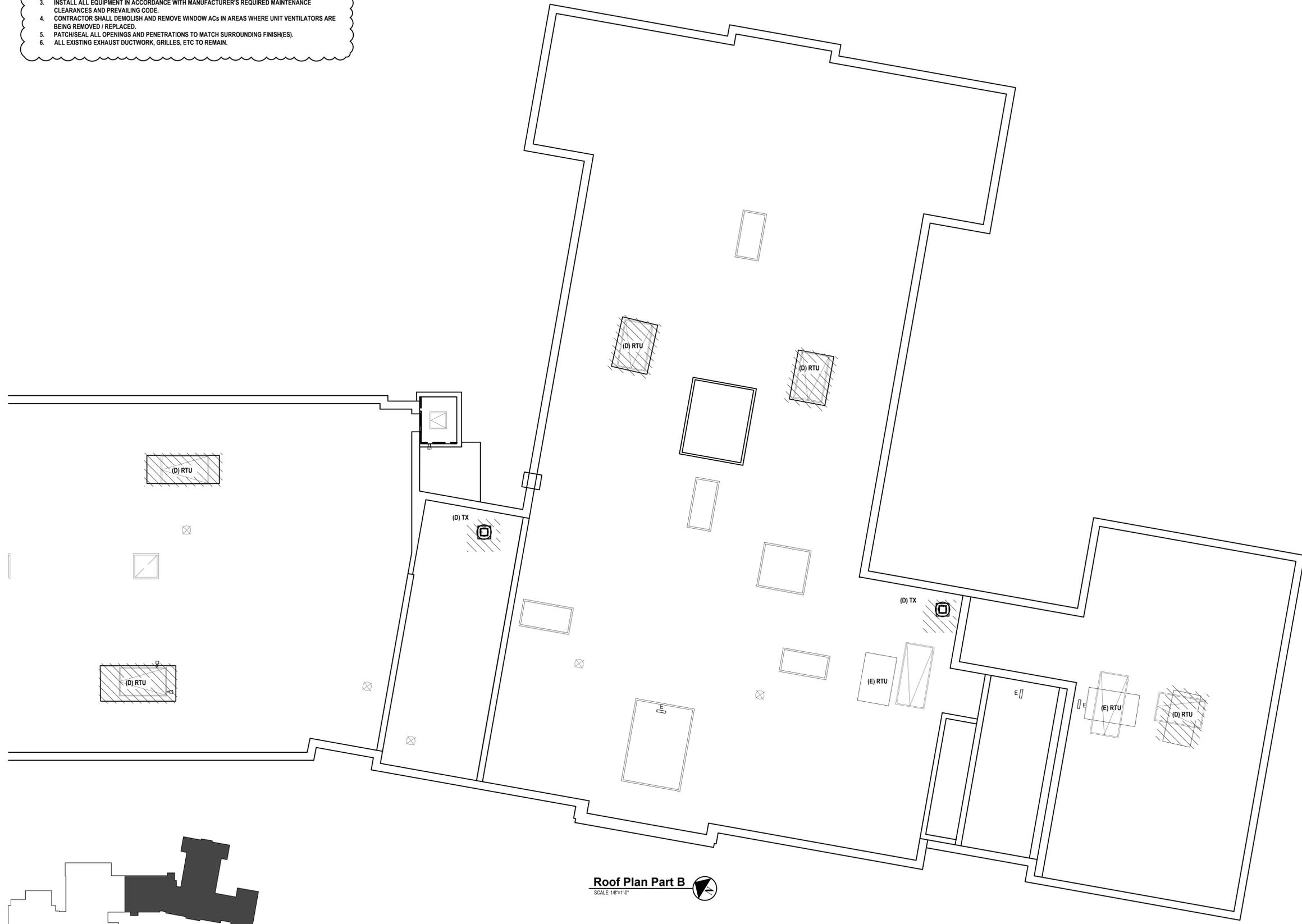
SHEET TITLE

**MECHANICAL ROOF PLAN
PART B**

DRAWING No.

MD141.00

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Roof Plan Part B
SCALE: 1/8"=1'-0"

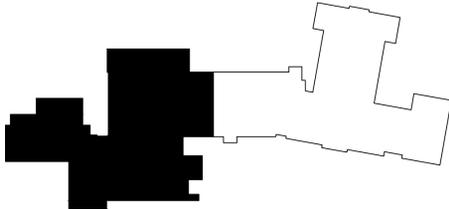
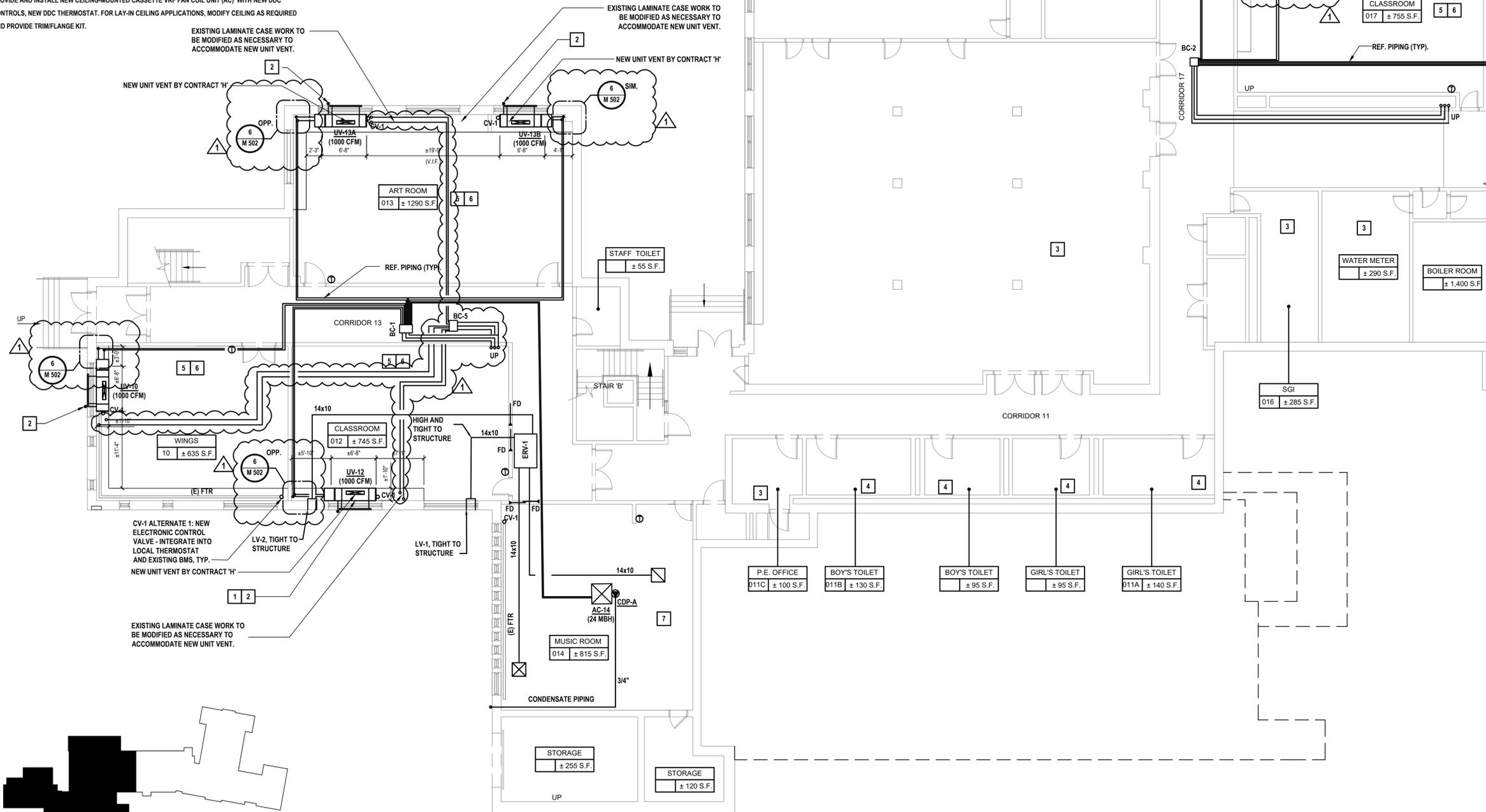
X:\WPSD\White Plains Central School District - 10801\WPSD 2205 - AC & Ventilation at Mamaroneck Elem School\02-Bldg\CADD\Contractor\MD141.00-Mechanical Roof Plan Part B.dwg Last Modified: Nov 01, 2023 - 3:24pm Plotted on: Nov 01, 2023 - 3:24pm Plotted by: jldonovan

GENERAL NOTES:

- REFRIGERANT PIPING IS SCHEMATIC FINAL PIPE LAYOUT AND SIZING TO BE PROVIDED AND VERIFIED THROUGH MANUFACTURER SOFTWARE AND SUBMITTED FOR ENGINEER APPROVAL.
- RETURN AIR PATHS ARE EXISTING TO REMAIN.
- ALL CONDENSATE PIPES TO BE PITCHED 1/8" PER FOOT. DRAIN INDIRECTLY IN LOCATIONS SHOWN
- COORDINATE WITH STRUCTURE AND EXISTING DUCTWORK, OFFSET AS REQUIRED.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS. REFER TO SPECIFICATIONS FOR ALL DUCT CONSTRUCTION REQUIREMENTS.
- THE CONTRACTOR SHALL REMOVE, PROTECT AND REINSTALL ALL CEILING SYSTEMS AS REQUIRED TO ACCOMMODATE NEW WORK. ANY DAMAGED CEILING SYSTEMS, WALLS OR FLOORS SHALL BE REPLACED IN-KIND AT NO ADDITIONAL COST TO THE OWNER.
- NEW REFRIGERANT PIPING SHALL BE ROUTED DOWN FROM CONDENSING UNIT ON ROOFTOP TO THE ASSOCIATED FLOOR MOUNTED UNIT VENTILATOR(S). SIZED PIPING TAKE-OFF(S) AS PER MANUFACTURER'S SPECIFICATIONS FOR EACH FLOOR MOUNTED VENTILATOR. PIPING SHALL ROUTE DOWN FROM CEILING ABOVE FOR CONNECTION TO NEW UNIT VENTILATOR(S). CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALTERATIONS TO EXISTING CASEWORK TO PROPERLY HIDE REFRIGERANT PIPING, EXPANSION VALVES, AND MAINTAIN EXISTING AESTHETIC.
- SEE TYPICAL FOR FURTHER DETAIL.
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- EXISTING WALL, FLOOR AND CEILING FINISHES SHALL REMAIN IN PLACE U.O.N.. THE CONTRACTOR SHALL PATCH AND REPAIR ALL WALLS, FLOORING AND CEILINGS IN AREA OF WORK TO MATCH ADJACENT FINISHES AND PREPARE NEW CONSTRUCTION.

KEYED NOTES:

- PROVIDE NEW MANUFACTURER LOUVER FOR UNIT VENTILATOR
- UNIT VENTILATOR 3/4" CONDENSATE DRAIN THROUGH WALL TURN DOWN. TERMINATE +/- 24" ABOVE FINISHED GRADE
- EXISTING VENTILATION TO REMAIN
- EXISTING EXHAUST TO REMAIN
- EXISTING RELIEF TO REMAIN
- PROVIDE AND INSTALL NEW UNIT VENTILATOR (UV) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT
- PROVIDE AND INSTALL NEW CEILING-MOUNTED CASSETTE VRF FAN COIL UNIT (AC) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT. FOR LAY-IN CEILING APPLICATIONS, MODIFY CEILING AS REQUIRED AND PROVIDE TRIM/FLANGE KIT.



Key Plan

Ground Floor Plan Part A
SCALE: 1/8"=1'-0"



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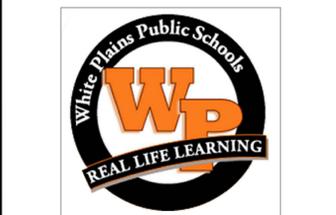
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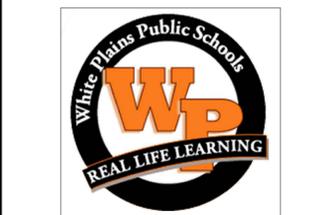
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**MECHANICAL GROUND FLOOR
PLAN PART B**

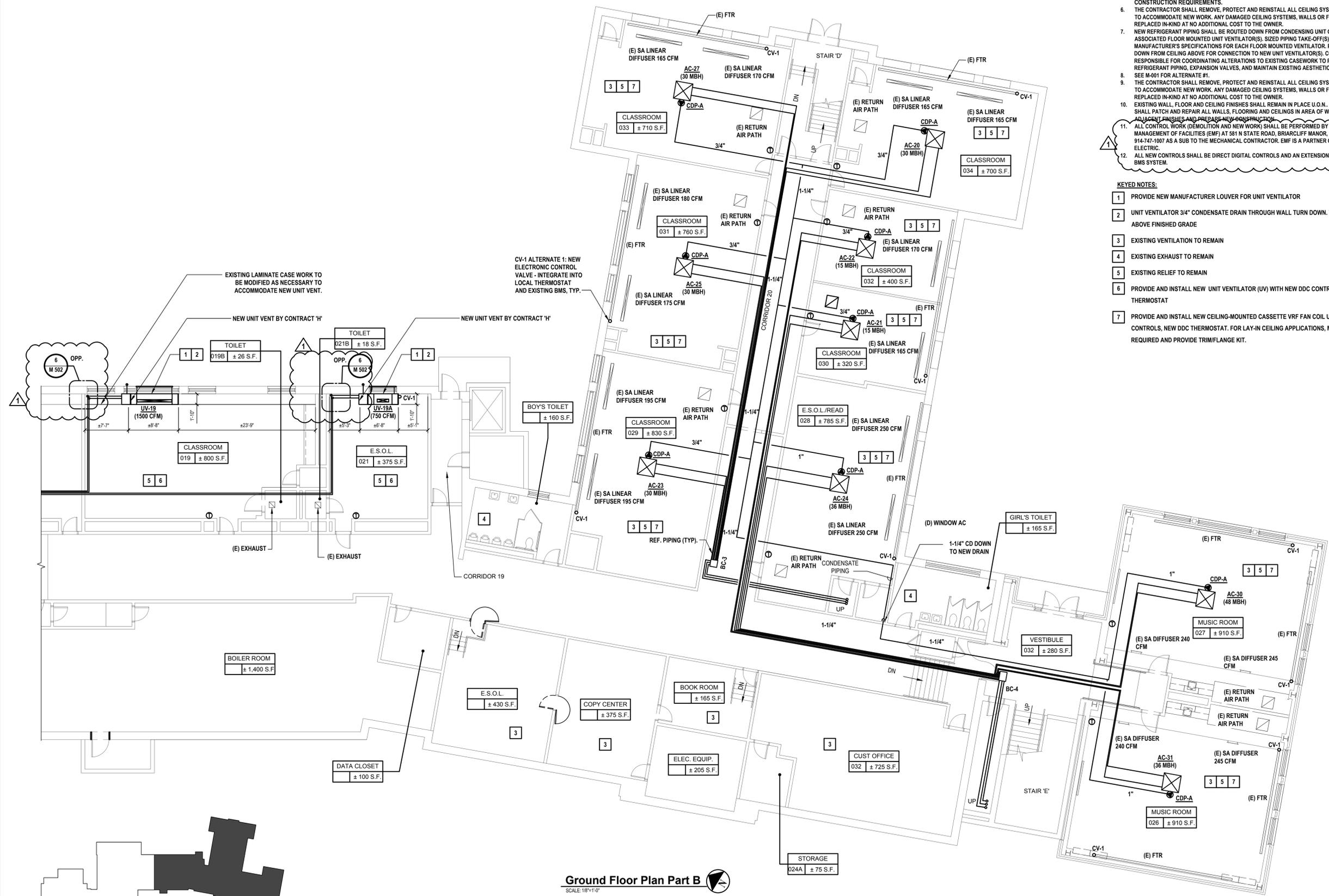
DRAWING No.
M101.00

GENERAL NOTES:

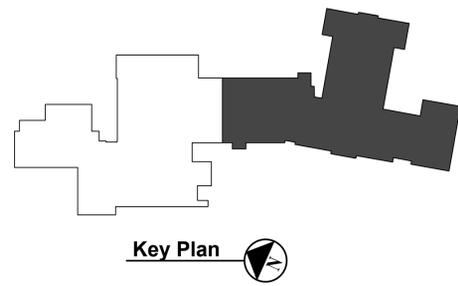
- REFRIGERANT PIPING IS SCHEMATIC FINAL PIPE LAYOUT AND SIZING TO BE PROVIDED AND VERIFIED THROUGH MANUFACTURER SOFTWARE AND SUBMITTED FOR ENGINEER APPROVAL.
- RETURN AIR PATHS ARE EXISTING TO REMAIN.
- ALL CONDENSATE PIPES TO BE PITCHED 1/8" PER FOOT. DRAIN INDIRECTLY IN LOCATIONS SHOWN.
- COORDINATE WITH STRUCTURE AND EXISTING DUCTWORK, OFFSET AS REQUIRED.
- ALL DUCT SIZES ARE CLEAR INSIDE DIMENSIONS. REFER TO SPECIFICATIONS FOR ALL DUCT CONSTRUCTION REQUIREMENTS.
- THE CONTRACTOR SHALL REMOVE, PROTECT AND REINSTALL ALL CEILING SYSTEMS AS REQUIRED TO ACCOMMODATE NEW WORK. ANY DAMAGED CEILING SYSTEMS, WALLS OR FLOORS SHALL BE REPLACED IN-KIND AT NO ADDITIONAL COST TO THE OWNER.
- NEW REFRIGERANT PIPING SHALL BE ROUTED DOWN FROM CONDENSING UNIT ON ROOFTOP TO THE ASSOCIATED FLOOR MOUNTED UNIT VENTILATOR(S). SIZED PIPING TAKE-OFF(S) AS PER MANUFACTURER'S SPECIFICATIONS FOR EACH FLOOR MOUNTED UNIT VENTILATOR(S). CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALTERATIONS TO EXISTING CASEWORK TO PROPERLY HIDE REFRIGERANT PIPING, EXPANSION VALVES, AND MAINTAIN EXISTING AESTHETIC.
- SEE M-601 FOR ALTERNATE #1.
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- ALL NEW CONTROLS SHALL BE DIRECT DIGITAL CONTROLS AND AN EXTENSION OF EMP'S EXISTING BMS SYSTEM.

KEYED NOTES:

- PROVIDE NEW MANUFACTURER LOUVER FOR UNIT VENTILATOR
- UNIT VENTILATOR 3/4" CONDENSATE DRAIN THROUGH WALL TURN DOWN. TERMINATE +/- 24" ABOVE FINISHED GRADE
- EXISTING VENTILATION TO REMAIN
- EXISTING EXHAUST TO REMAIN
- EXISTING RELIEF TO REMAIN
- PROVIDE AND INSTALL NEW UNIT VENTILATOR (UV) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT
- PROVIDE AND INSTALL NEW CEILING-MOUNTED CASSETTE VRF FAN COIL UNIT (AC) WITH NEW DDC CONTROLS, NEW DDC THERMOSTAT. FOR LAY-IN CEILING APPLICATIONS, MODIFY CEILING AS REQUIRED AND PROVIDE TRIM/FLANGE KIT.



Ground Floor Plan Part B
SCALE: 1/8"=1'-0"



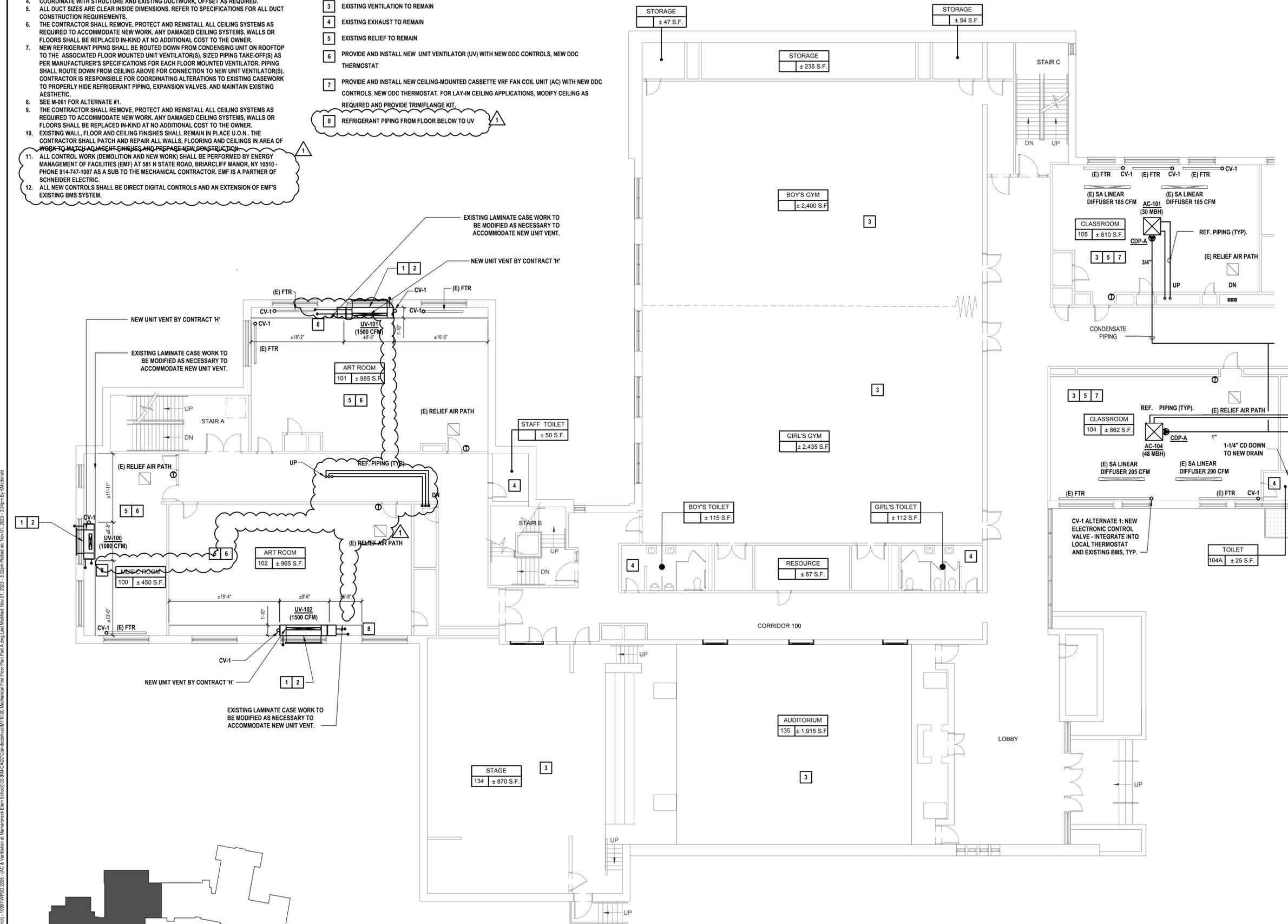
X:\WPSD\White Plains Central School District - 108911\WPSD 2205 - AC & Ventilation at Mamaroneck Elem School\02-Bldg\02-01-Bldg\02-01-01-Ground Floor Plan Part B.dwg Last Modified: Nov 17, 2023 - 3:16pm By: KMcDonald

GENERAL NOTES:

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- SEE M-001 FOR ALTERNATE #1.
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- REFRIGERANT PIPING FROM FLOOR BELOW TO UV



2700 Westchester Ave., Suite 415
Purchase, NY 10577
914.358.5623 • www.h2m.com

CONSULTANTS:

MARK	DATE	DESCRIPTION
1	10-16-23	FINAL BID DOCUMENT
	11-01-23	ADDENDUM #1



DESIGNED BY: MJV
DRAWN BY: KCM
CHECKED BY: MJV
REVIEWED BY: QAQC
PROJECT NO.: WPSD 2205
DATE: OCTOBER 2023
SCALE:

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL FIRST FLOOR
PLAN PART A**

DRAWING No.
M110.00

First Floor Plan Part A
SCALE: 1/8"=1'-0"

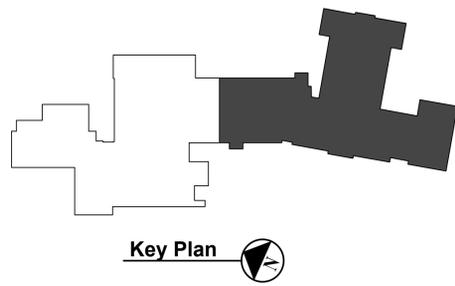
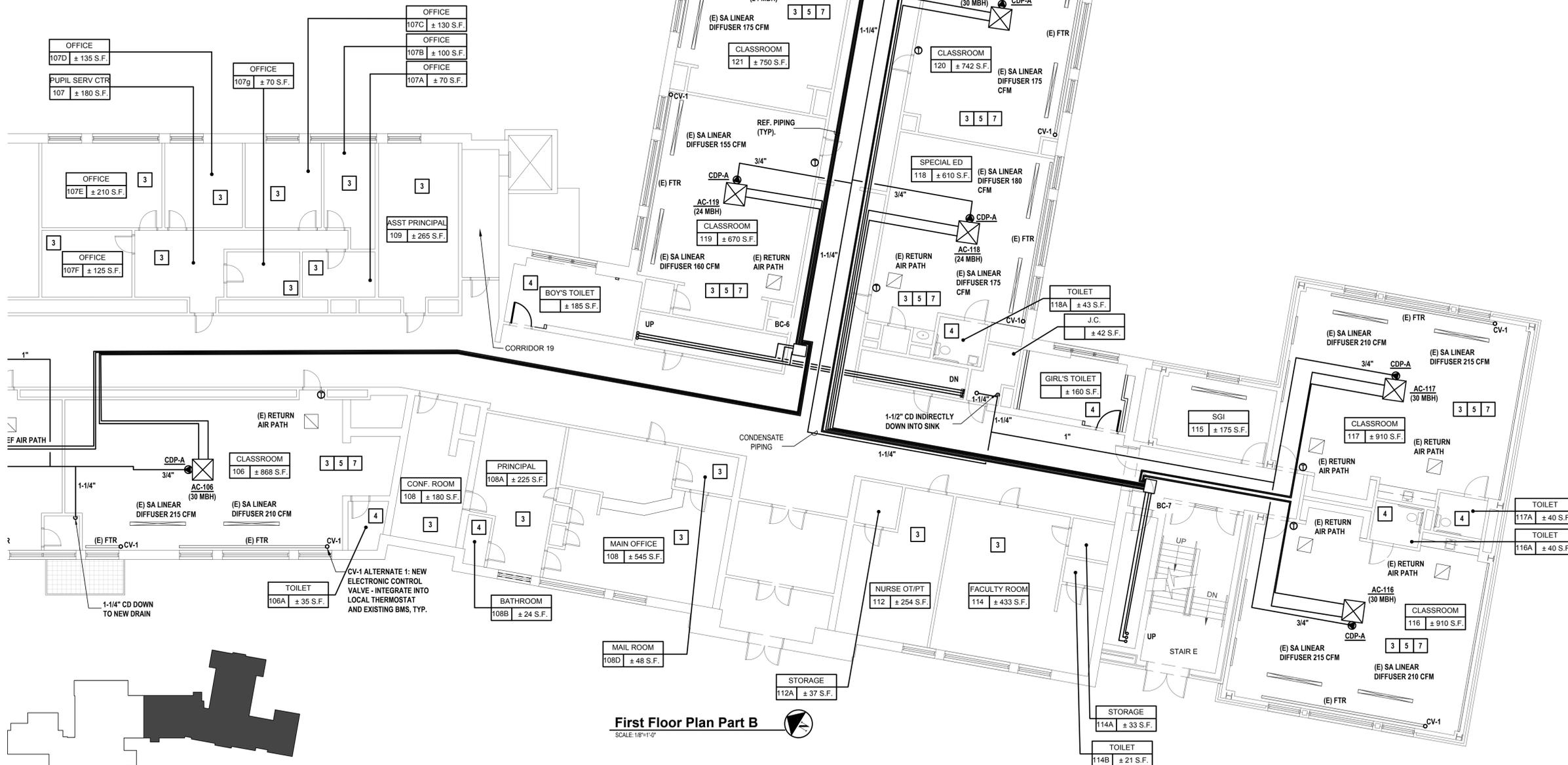
X:\WPSD\White Plains Central School District - 108911\WPSD 2205 - AC & Ventilation at Mamaroneck Elem School\02-BIM\CADD\Contractor\m110-00-Mechanical First Floor Plan Part A.dwg, Last Modified: Nov 01, 2023, 3:32pm, Plotted on: Nov 01, 2023, 3:34pm by (kldonahoe)

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First Floor Plan Part B
SCALE: 1/8"=1'-0"



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Purchase, NY 10577
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CONSULTANTS:

MARK	DATE	DESCRIPTION
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1	11-01-23	ADDENDUM #1



DESIGNED BY: MJV	DRAWN BY: KCM	CHECKED BY: MJV	REVIEWED BY: QAQC
PROJECT No.: WPSD 2205	DATE: OCTOBER 2023	SCALE:	

White Plains City School District

AC and Ventilation Upgrades at Mamaroneck Elementary School



7 Nosband Ave.
White Plains, NY 10605

SED PROJECT CONTROL
NO. 66-22-00-01-0-010-017

CONTRACT
**CONTRACT H
HEATING VENTILATION AND AIR
CONDITIONING**

STATUS
FINAL BID DOCUMENT

SHEET TITLE
**MECHANICAL FIRST FLOOR
PLAN PART B**

DRAWING No.
M111.00

X:\WPSD\White Plains Central School District - 1080\WPSD 2205 - AC & Ventilation at Mamaroneck Elementary School\02-BIM\CADD\Contractor\11100 Mechanical First Floor Plan Part B.dwg, Last Modified: Nov 01, 2023, 3:46pm, Plotted on: Nov 01, 2023, 3:30pm by (kldonahoe)

