

PLEASANTVILLE UFSD MIDDLE SCHOOL HVAC REPLACEMENT

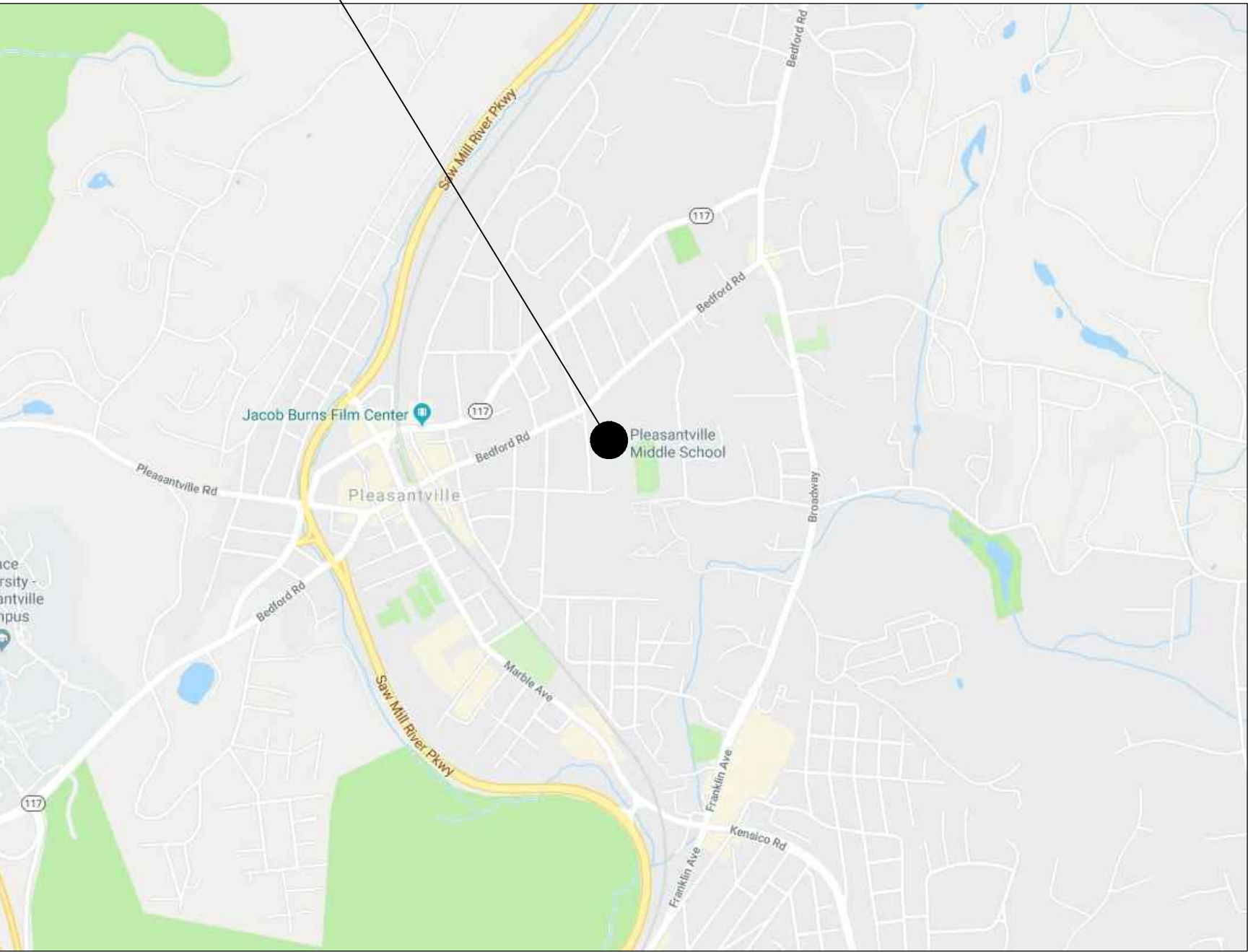
40 ROMER AVE. PLEASANTVILLE, NY 10570
PLEASANTVILLE MIDDLE SCHOOL

GENERAL NOTES

THE DESIGN OF THIS PROJECT CONFORMS TO ALL APPLICABLE PROVISIONS OF NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CODE, AND THE MANUAL OF PLANNING STANDARDS OF THE NEW YORK STATE EDUCATION DEPARTMENT.

THE WORK OF THIS PROJECT WILL INVOLVE KNOWN OR SUSPECTED ASBESTOS-CONTAINING BUILDING MATERIALS AND WILL BE DONE IN ACCORDANCE WITH INDUSTRIAL CODE RULE #56.

PLEASANTVILLE MIDDLE SCHOOL
40 ROMER AVE, PLEASANTVILLE, NY 10570



LIST OF DRAWINGS

GENERAL:

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U002	OVERALL UPPER LEVEL CODE PLAN

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HZ102	UPPER LEVEL ABATEMENT PLAN
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A100C	LOWER LEVEL DEMOLITION PLAN - AREA C
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A101C	UPPER LEVEL DEMOLITION PLAN - AREA C
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A600C	LOWER LEVEL REFLECTED CEILING PLAN - AREA C
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A601B	UPPER LEVEL REFLECTED CEILING PLAN - AREA B
A601C	UPPER LEVEL REFLECTED CEILING PLAN - AREA C

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H100B	LOWER LEVEL MECHANICAL DEMOLITION PLAN - AREA B
H101A	UPPER LEVEL MECHANICAL DEMOLITION PLAN - AREA A
H101B	UPPER LEVEL MECHANICAL DEMOLITION PLAN - AREA B
H101C	UPPER LEVEL MECHANICAL DEMOLITION PLAN - AREA C
H102	MECHANICAL ROOF DEMOLITION PLAN

OWNER

PLEASANTVILLE UNION FREE SCHOOL DISTRICT
60 ROMER AVENUE
PLEASANTVILLE, NEW YORK 10570
T. (914) 741-1400

MECHANICAL, CONT.

H200A	LOWER LEVEL NEW MECHANICAL WORK PLAN - AREA A
H200B	LOWER LEVEL NEW MECHANICAL WORK PLAN - AREA B
H201A	UPPER LEVEL NEW MECHANICAL WORK PLAN - AREA A
H201B	UPPER LEVEL NEW MECHANICAL WORK PLAN - AREA B
H201C	UPPER LEVEL NEW MECHANICAL WORK PLAN - AREA C
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H300B	LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA B
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H301B	UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA B
H301C	UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA C
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H801	MECHANICAL DETAILS
H802	MECHANICAL DETAILS
H803	MECHANICAL DETAILS
H804	MECHANICAL DETAILS
H900	MECHANICAL SCHEDULES
H901	MECHANICAL SCHEDULES

ELECTRICAL

E000	ELECTRICAL LEGEND & NOTES
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E800	ELECTRICAL DETAILS
E801	ELECTRICAL DETAILS
E802	ELECTRICAL DETAILS
E900	ELECTRICAL SCHEDULES
E901	PANEL SCHEDULES

ARCHITECT/ENGINEER

CPL
50 Front Street, Suite 202
Newburgh, New York 12550
T. (800) 274-9000



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Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL
HVAC REPLACEMENT

District Office Address

40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE UNION FREE SCHOOL DISTRICT

66-026-07-03-0-033-025

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, am a duly licensed professional engineer in the State of New York, and I am the author of the design and construction of the project described herein. I am not aware of any fraud, misrepresentation, or other illegal or unethical conduct in the design or construction of the project. I am not aware of any fraud, misrepresentation, or other illegal or unethical conduct in the design or construction of the project. I am not aware of any fraud, misrepresentation, or other illegal or unethical conduct in the design or construction of the project.

SHEET INFORMATION

Issued

10/21/22

Scale

N/A

Project Status

BID SUBMISSION

Drawn By

TLB

Checked By

LT

Drawing Title

COVER SHEET

Drawing Number

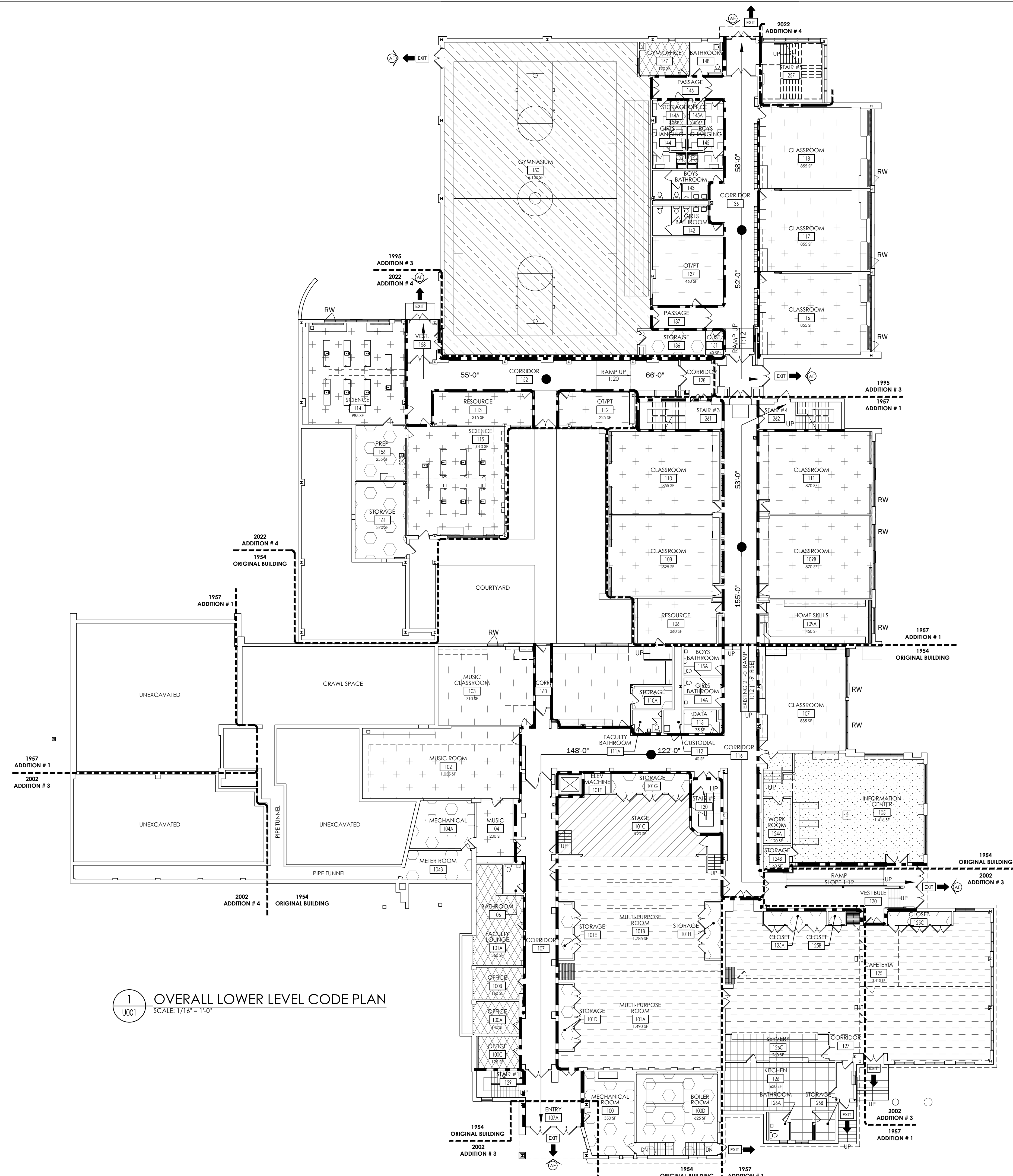
GEN
T000

Plotted By: Allison Sawyer

Date last plotted: 10/24/2022 12:47 PM

Date last accessed: 6/27/2022 12:21 PM

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMs HVAC\0 Design\06 CAD\ACAD\ARCH\AP\U001.dwg



1 OVERALL LOWER LEVEL CODE PLAN
U001 SCALE: 1/16" = 1'-0"

CODE SUMMARY			
USE AND OCCUPANCY CLASSIFICATION			
Occupancy:		Educational Group E	
GENERAL BUILDING SUMMARY			
Construction Type:		Type IIA & IIB	
Sprinkler System:		NOT SPRINKLED	
BUILDING AREA SUMMARY			
Area of First Floor:		47,436 S.F.	
Area of Second Floor:		39,837 S.F.	
Proposed Area:		0 S.F.	
ALTERATION LEVEL			
All locations of work:		Level 1	
FIRE RESISTANCE RATING			
	<u>Required 2A:</u>	<u>Required 2B:</u>	<u>Provided:</u>
Structural Frame	1 hour	1 hour	1 hour
<u>Bearing Walls:</u>			
Exterior	1 hour	1 hour	1 hour
Interior	1 hour	1 hour	1 hour
<u>Nonbearing Walls:</u>			
Exterior	0 hour (10'-30' from property line)	0 hour (10'-30' from property line)	0 hour (10'-30' from property line)
Interior	0 hour	0 hour	0 hour
Floor Construction	1 hour	1 hour	1 hour
Roof Construction	1 hour	1 hour	1 hour
MEANS OF EGRESS			
Room Areas: See Plan			
<u>Exit Access:</u>			
Maximum Travel Distance Permitted:		200' max. (w/o sprinkler system)	
Maximum Travel Distance Provided:		148'-0"	
Two Exits		If occupant load exceeds 49	
<u>Exits:</u>			
<u>Number of Building Exits based on Occupants</u>		<u>Required:</u>	<u>Provided:</u>
Over 1500 Occupants		(4) exits	(15) exits
<u>Exits in spaces of pupil occupancy:</u>			
Over 500 S.F. - 2 exits into separate smoke zones		<u>Required:</u>	<u>Provided:</u>
Classrooms		(2) exits	(2) exits
Over 1000 S.F. - doors swing out			
Over 1500 S.F. - 2 exit doors, into separate smoke zones		<u>Required:</u>	<u>Provided:</u>
Gymnasium		(2) exits	(4) exits
Cafeteria		(2) exits	(4) exits
Multi-Purpose Room		(2) exits	(4) exits
<u>Egress Width:</u>			
Required Door Width (0.2 per occupant):		49'-4"	
Provided Door Width:		9'-2"	

OCCUPANT LOAD			
Function of Space	Occupant Load Factor	Provided Square Footage	Occupancy
Stages and Platforms	15 GSF/Occupant	1,220 SQ. FT.	82 Occupants
Assembly w/ Fixed Seats	# of Fixed Seats	N/A	200 Occupants
Assembly w/o Fixed Seats	15 GSF/Occupant	6,132 SQ. FT.	411 Occupants
Educational (Classrooms)	20 GSF/Occupant	33,720 SQ. FT.	1,686 Occupants
Locker Rooms	50 GSF/Occupant	300 SQ. FT.	10 Occupants
Business Areas	100 GSF/Occupant	3,680 SQ. FT.	37 Occupants
Accessory Storage Areas, Mech. Equipment Room	300 GSF/Occupant	4,245 SQ. FT.	15 Occupants
Kitchens	200 GSF/Occupant	975 SQ. FT.	5 Occupants
Library, Reading Rooms, Stock Areas	50 GSF/Occupant 100 GSF/Occupant	735 SQ. FT. 830 SQ. FT.	15 Occupants 9 Occupants

SYMBOL LEGEND	
	ACCESSIBLE BUILDING ENTRANCE
	EXIT
	ROOM USE AND SQUARE FOOTAGE
	TRAVEL DIST. BTW. EXIT DOORS / STAIRS
	1 HR. RATED FIRE PARTITION
	2 HR. RATED FIRE PARTITION



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Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name
PLEASANTVILLE UFSD

Project Name
MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
68-08-RP-03-0-023-025

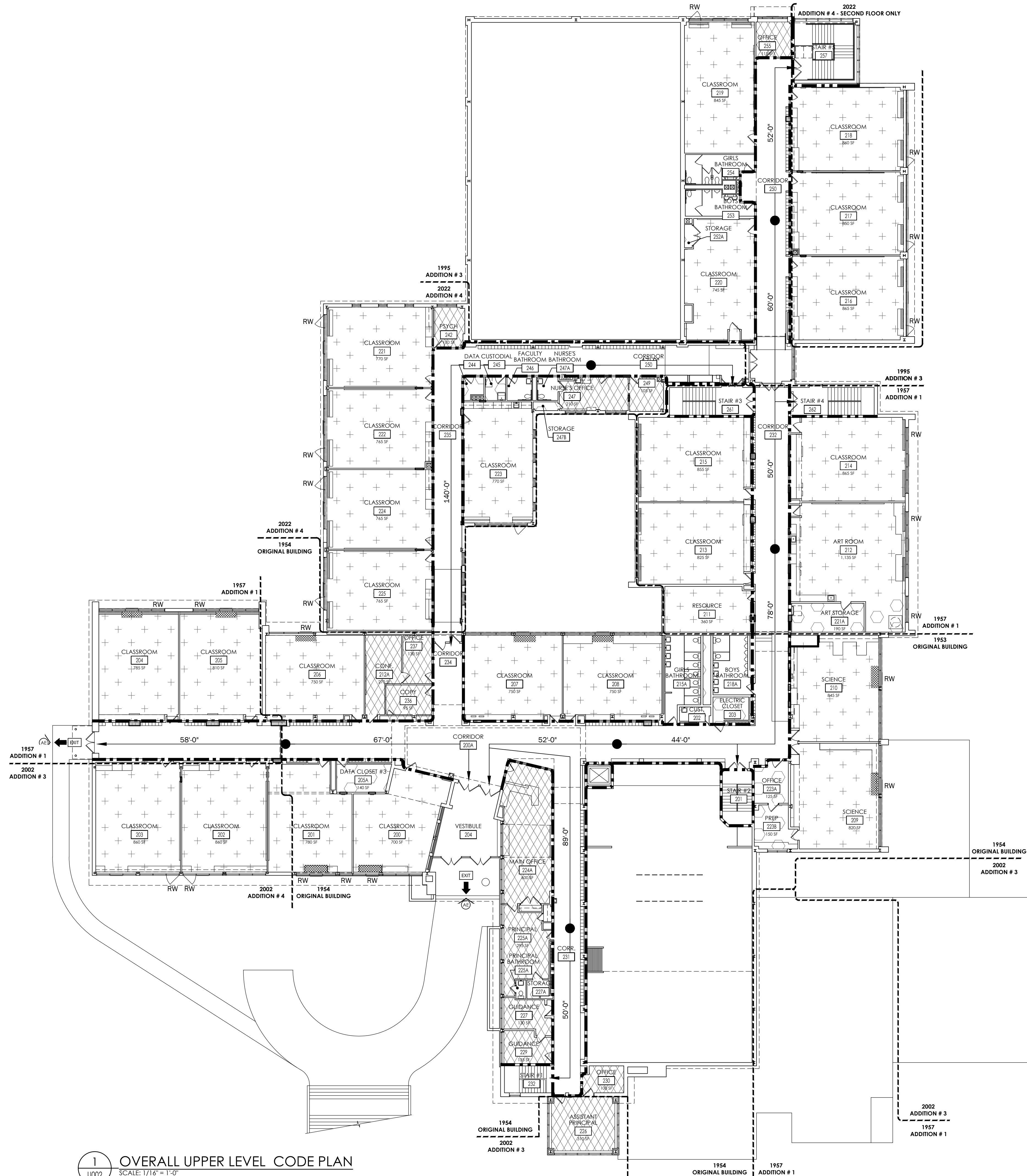
PROJECT ISSUE & REVISION SCHEDULE		
No.	Date	Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed Architect under the Education Law and the Commissioner's Regulations, hereby certify that this drawing was prepared by me or under my direct supervision and that I am a duly licensed Architect under the Education Law and the Commissioner's Regulations.

SHEET INFORMATION	
Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT
Drawing Title	
OVERALL LOWER LEVEL CODE PLAN	

Drawing Number
PMS U001



CODE SUMMARY

USE AND OCCUPANCY CLASSIFICATION

Occupancy: Educational Group E

GENERAL BUILDING SUMMARY

Construction Type: Type IIA & IIB
Sprinkler System: NOT SPRINKLED

BUILDING AREA SUMMARY

Area of First Floor: 47,436 S.F.
Area of Second Floor: 39,837 S.F.
Proposed Area: 0 S.F.

ALTERATION LEVEL

All locations of work: Level 1

FIRE RESISTANCE RATING

	Required 2A:	Required 2B:	Provided:
Structural Frame	1 hour	1 hour	1 hour
Bearing Walls			
Exterior	1 hour	1 hour	1 hour
Interior	1 hour	1 hour	1 hour
Nonbearing Walls			
Exterior	0 hour (10'-30' from property line)	0 hour (10'-30' from property line)	0 hour (10'-30' from property line)
Interior	0 hour	0 hour	0 hour
Floor Construction	1 hour	1 hour	1 hour
Roof Construction	1 hour	1 hour	1 hour

MEANS OF EGRESS

Room Areas: See Plan

Exit Access:
Maximum Travel Distance Permitted: 200' max. (w/o sprinkler system)
Maximum Travel Distance Provided: 145'
Two Exits: If occupant load exceeds 49

Exits:

Number of Building Exits based on Occupants	Required:	Provided:
Over 1500 Occupants	(4) exits	(15) exits

Exits in spaces of pupil occupancy:	Required:	Provided:
Over 500 S.F. - 2 exits into separate smoke zones	(2) exits	(2) exits
Classrooms		

Over 1000 S.F. - doors swing out		
Over 1500 S.F. - 2 exit doors, into separate smoke zones	(2) exits	(4) exits
Gymnasium	(2) exits	(4) exits
Cafeteria	(2) exits	(4) exits
Multi-Purpose Room	(2) exits	(4) exits

Egress Width:
Required Door Width (0.2 per occupant): 494"
Provided Door Width: 972"

OCCUPANT LOAD

Function of Space	Occupant Load Factor	Provided Square Footage	Occupancy
Stages and Platforms	15 GSF/Occupant	1,220 SQ. FT.	82 Occupants
Assembly w/ Fixed Seats	# of Fixed Seats	N/A	200 Occupants
Assembly w/o Fixed Seats	15 GSF/Occupant	6,132 SQ. FT.	411 Occupants
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SYMBOL LEGEND

	ACCESSIBLE BUILDING ENTRANCE
	EXIT
	ROOM USE AND SQUARE FOOTAGE
	TRAVEL DIST. BTW. EXIT DOORS / STAIRS
	1 HR. RATED FIRE PARTITION
	2 HR. RATED FIRE PARTITION



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Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC
REPLACEMENT

Project Address

40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

66-08-09-03-0-023-025

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed architect under the laws of the State of New York, do hereby certify that the above is a true and correct copy of the plans as submitted to me by the architect, and that I am a duly licensed architect under the laws of the State of New York.

SHEET INFORMATION

Issued 10/21/22 Scale AS SHOWN

Project Status

BID SUBMISSION

Drawn By

TLB

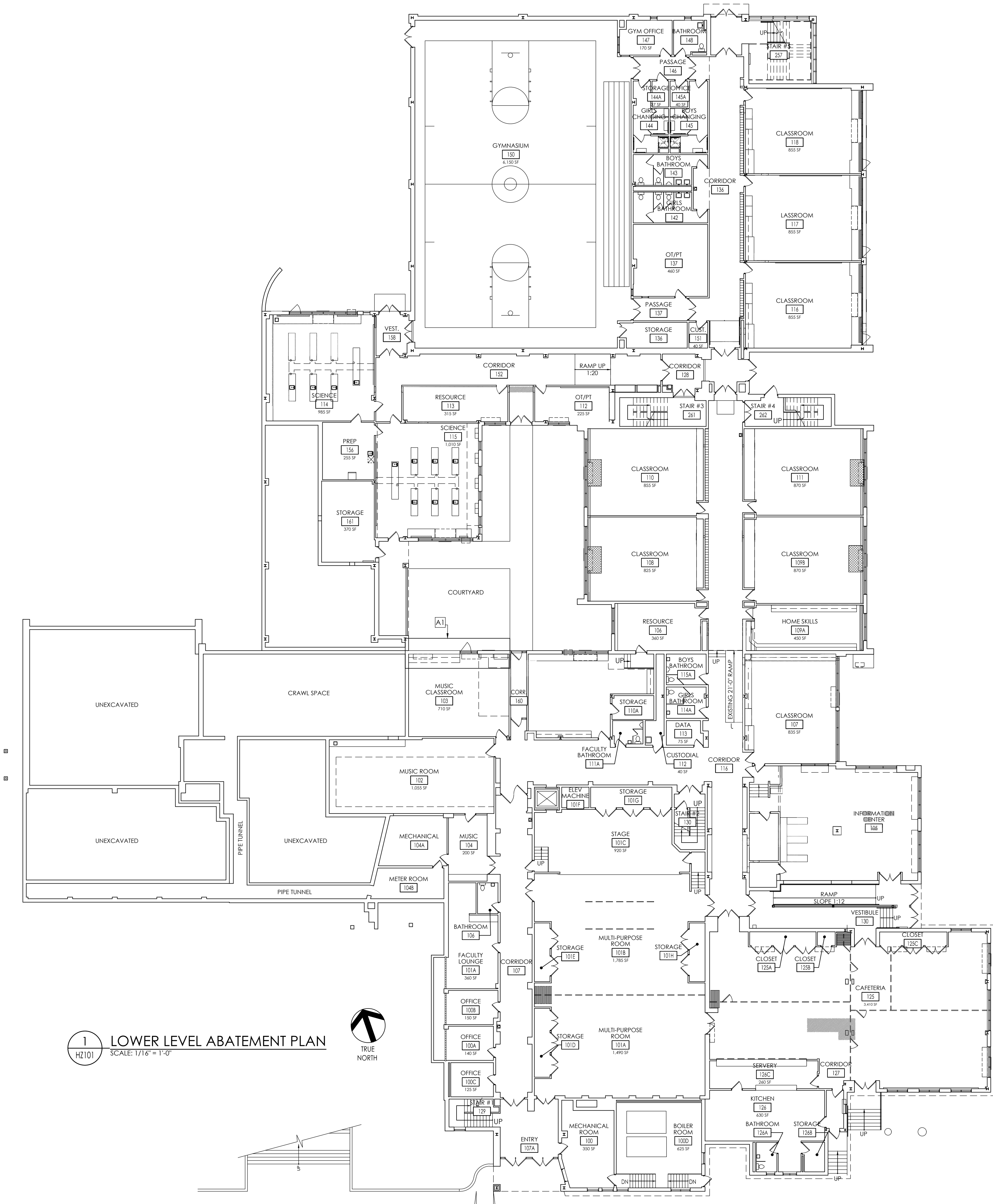
Drawing Title

OVERALL UPPER LEVEL

CODE PLAN

Drawing Number

PMS
U002



GENERAL ABATEMENT NOTES:

- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS TO BE ABATED. IF THERE ARE ANY DISCREPANCIES WITH WHAT EXISTS TO WHAT IS INDICATED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL REPORT SAID INTENT OF THIS PROJECT IS TO COMPLETELY REMOVE ASBESTOS CONTAINING MATERIALS INDICATED AND TO PROVIDE A CLEAN, ACM-FREE WORK AREA POST ABATEMENT.
- ALL ABATEMENT PROCEDURES TO BE IN ACCORDANCE WITH STANDARDS SET FORTH BY NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE 56 AND ALL APPLICABLE REGULATIONS.
- THE CONTRACTOR SHALL PATCH TO MATCH ANY DISTURBED AREAS AND FINISHES AS A RESULT OF THEIR ABATEMENT WORK. ANY DAMAGE SHALL BE REPAIRED TO THE OWNER'S AND ARCHITECT'S SATISFACTION AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE ASBESTOS DUMPSTER WITH THE OWNER.
- THE CONTRACTOR MAY APPLY FOR PROJECT SPECIFIC VARIANCES. USE OF SUCH VARIANCES ARE SUBJECT TO APPROVAL BY THE OWNER AND ARCHITECT.

ABATEMENT LEGEND:

- REMOVE VAT FLOOR TILE, MASTIC AND RUBBER WALL BASE, IN ITS ENTIRETY. PREP SUBSTRATE FOR NEW CONSTRUCTION
- REMOVE ROOFING SYSTEM DOWN TO STRUCTURAL DECK AS ACM IN LOCATION SHOWN. COORD. W/MC FOR EXACT LOCATION AND QTY.
- AREA OF ROOF CONSIDERED HAZARDOUS MATERIAL. SEE SPECIFICATION SECTION 003126.

ABATEMENT KEYNOTES:

- [A1] REMOVE ASBESTOS CONTAINING CAULK AT LOUVER BY ABATEMENT

PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	09/18/22	SED ADDENDUM NO.1

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATMENT
I, the undersigned, being a duly licensed professional engineer in the State of New York, do hereby certify that the above is a true and correct copy of the original drawing as submitted to me by the architect, and that I am not aware of any other person or persons who have been or are about to be employed by the architect in the execution of the above project, and that I am not aware of any other person or persons who have been or are about to be employed by the architect in the execution of the above project, and that I am not aware of any other person or persons who have been or are about to be employed by the architect in the execution of the above project.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
RA
Checked By
LT
Drawing Title
LOWER LEVEL ABATEMENT PLAN



Project Number
15131.07
Client Name

Project Name

MIDDLE SCHOOL HVAC REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

66-08-09-(0-0-001-01)

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	09/18/22	SED ADDENDUM NO. 1

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IF IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE

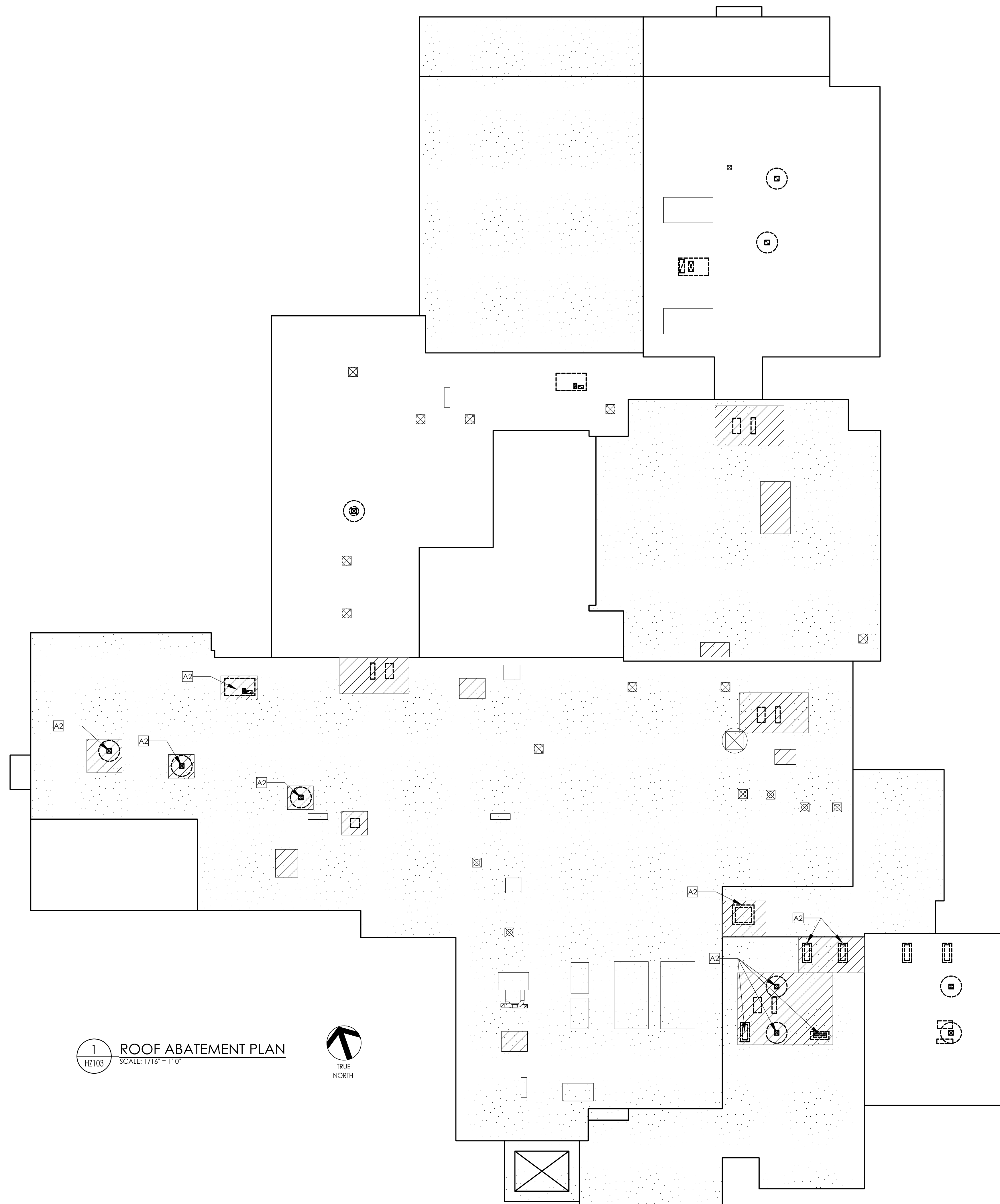
SHEET INFORMATION

Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
RA	LT
Drawing Title	

ROOF ABATEMENT PLAN

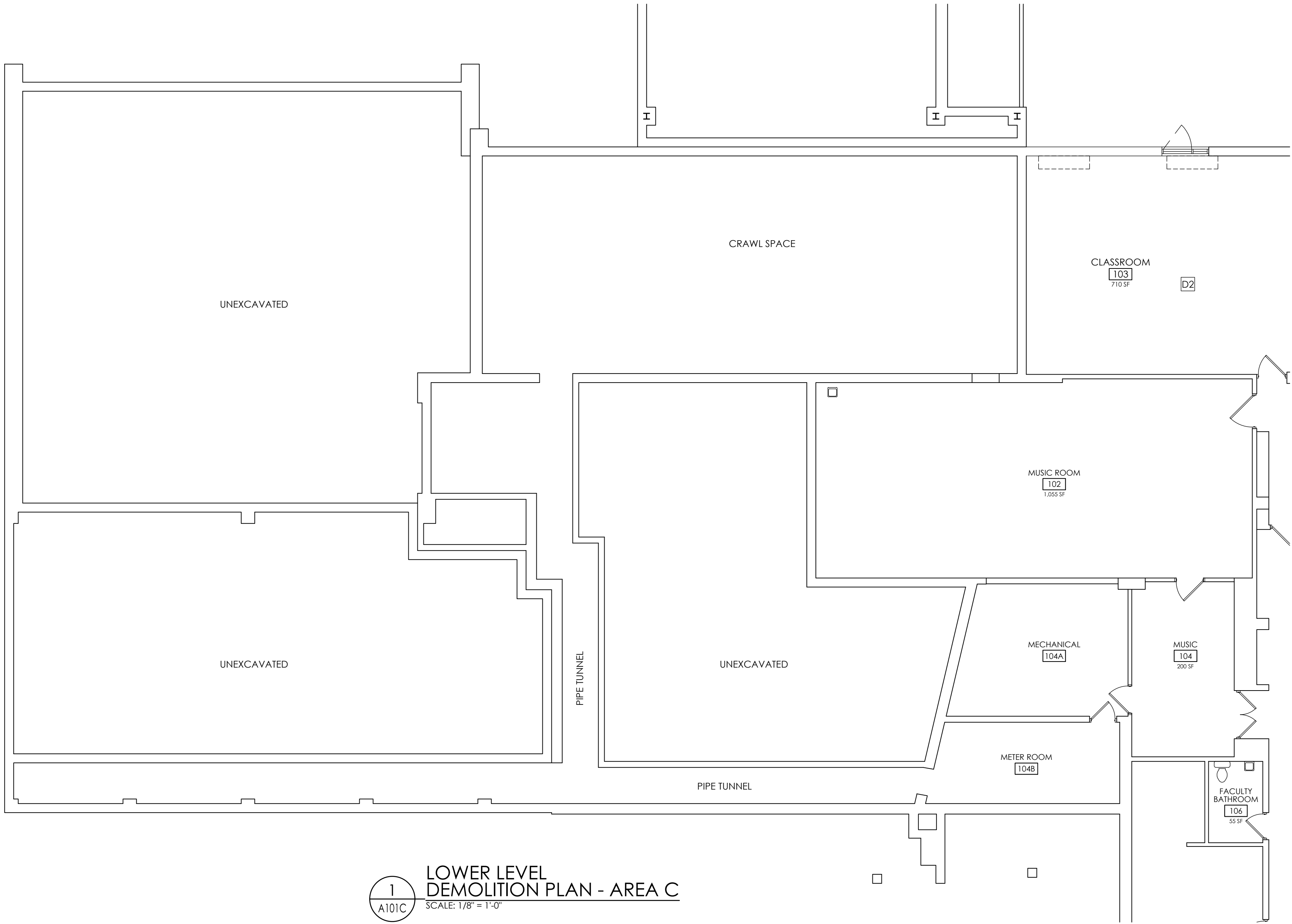
Drawing Number

PMS
HZ103



1 ROOF ABATEMENT PLAN
HZ103 SCALE: 1/16" = 1'-0"





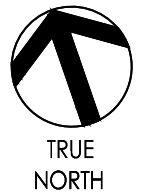
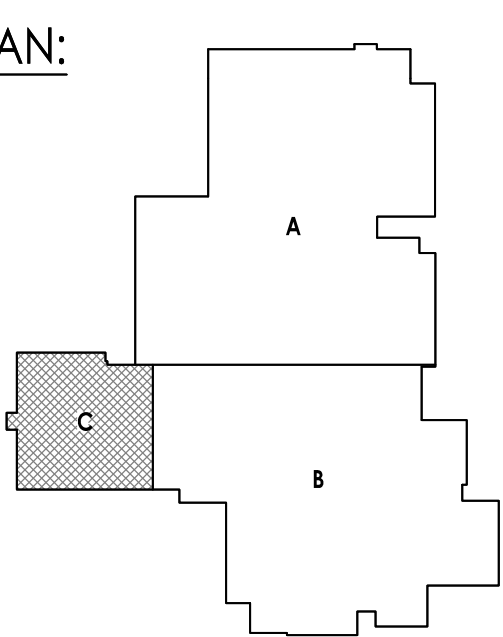
GENERAL DEMOLITION NOTES:

- COORDINATE ALL DEMO WORK WITH ASBESTOS DRAWINGS.
- THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT SCHEDULE.
- THE BUILDING SHALL BE MAINTAINED WEATHER TIGHT DURING CONSTRUCTION.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.
- CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
- THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
- THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

DEMOLITION KEYNOTES:

- D1 NOT USED.
- D2 REMOVE ACOUSTIC CEILING IN ITS ENTIRETY.
- D3 REMOVE GYPSUM CEILING IN ITS ENTIRETY.
- D4 REMOVE CASEWORK AND SOFFIT AS REQUIRED FOR FLOOR SLAB DEMOLITION AS NOTED. COORDINATE REMOVALS WITH MC.
- D5 REMOVE CASEWORK AND SOFFIT AS REQUIRED FOR NEW HVAC EQUIPMENT SHAFT. COORDINATE REMOVALS WITH MC.
- D6 REMOVE EXISTING WALL IN ITS ENTIRETY.

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

66-08-09-03-0-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly qualified Architect or Engineer, do hereby certify that the above is a true and correct copy of the original as submitted to me by the client, and that I am not aware of any falsification of the same.

SHEET INFORMATION

Issued
06/24/22
Project Status
SED SUBMISSION
Drawn By
TLB
Drawing Title
LOWER LEVEL DEMOLITION PLAN - AREA C

Scale
AS SHOWN
Checked By
LT

Drawing Number

PMS
A100C



Drawing Number
PMS

A101A

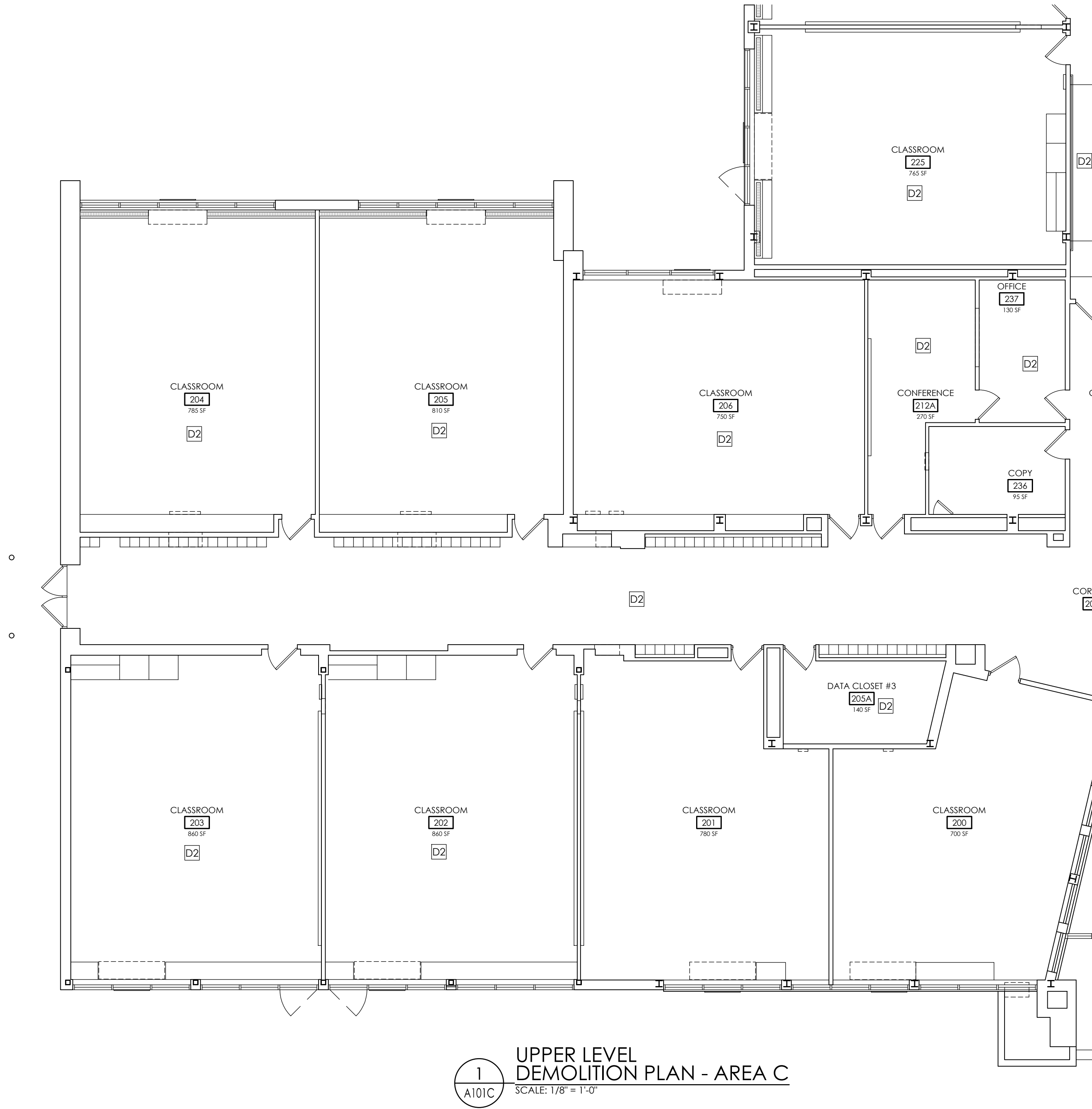
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50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\A1\A101.dwg



PMS
A101B





1
A101C
UPPER LEVEL
DEMOLITION PLAN - AREA C
SCALE: 1/8" = 1'-0"

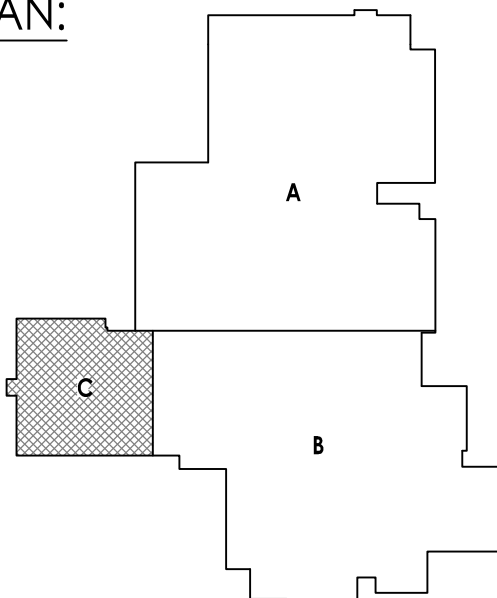
GENERAL DEMOLITION NOTES:

1. COORDINATE ALL DEMO WORK WITH ASBESTOS DRAWINGS.
2. THE CONTRACTOR SHALL COORDINATE THE DEMOLITION WORK WITH THE OVERALL PROJECT SCHEDULE.
2. THE BUILDING SHALL BE MAINTAINED WEATHER TIGHT DURING CONSTRUCTION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH ALL EXISTING CONDITIONS AND DETAILS INVOLVED IN THE DEMOLITION WORK.
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
4. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION WORK AND SHALL REPAIR ANY DAMAGED AREAS AS A RESULT OF CONTRACTED WORK AT NO ADDITIONAL COST TO THE OWNER.
6. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

DEMOLITION KEYNOTES:

- D1 NOT USED.
- D2 REMOVE ACOUSTIC CEILING IN ITS ENTIRETY.
- D3 REMOVE GYPSUM CEILING IN ITS ENTIRETY.
- D4 REMOVE CASEWORK AND SOFFIT AS REQUIRED FOR FLOOR SLAB DEMOLITION AS NOTED. COORDINATE REMOVALS WITH MC.
- D5 REMOVE CASEWORK AND SOFFIT AS REQUIRED FOR NEW HVAC EQUIPMENT SHAFT. COORDINATE REMOVALS WITH MC.
- D6 REMOVE EXISTING WALL IN ITS ENTIRETY.

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC
REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

16-06-19-03-G-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMPASSIONATE
REGULATIONS FOR ANY PERSON, UNDER ANY CIRCUMSTANCES, TO PROVIDE OR ATTEMPT TO PROVIDE
ANY SERVICE, INCLUDING BUT NOT LIMITED TO, THE DESIGN, CONSTRUCTION, OR MAINTENANCE OF A
BUILDING, OR ANY PART THEREOF, WITHOUT THE NECESSARY PERMITS AND APPROVALS OF THE
APPROPRIATE AGENCIES. ANY PERSON WHO VIOLATES THIS LAW SHALL BE SUBJECT TO THE
PENALTIES PROVIDED BY LAW.

SHEET INFORMATION

Issued

10/21/22

Project Status

BID SUBMISSION

Drawn By

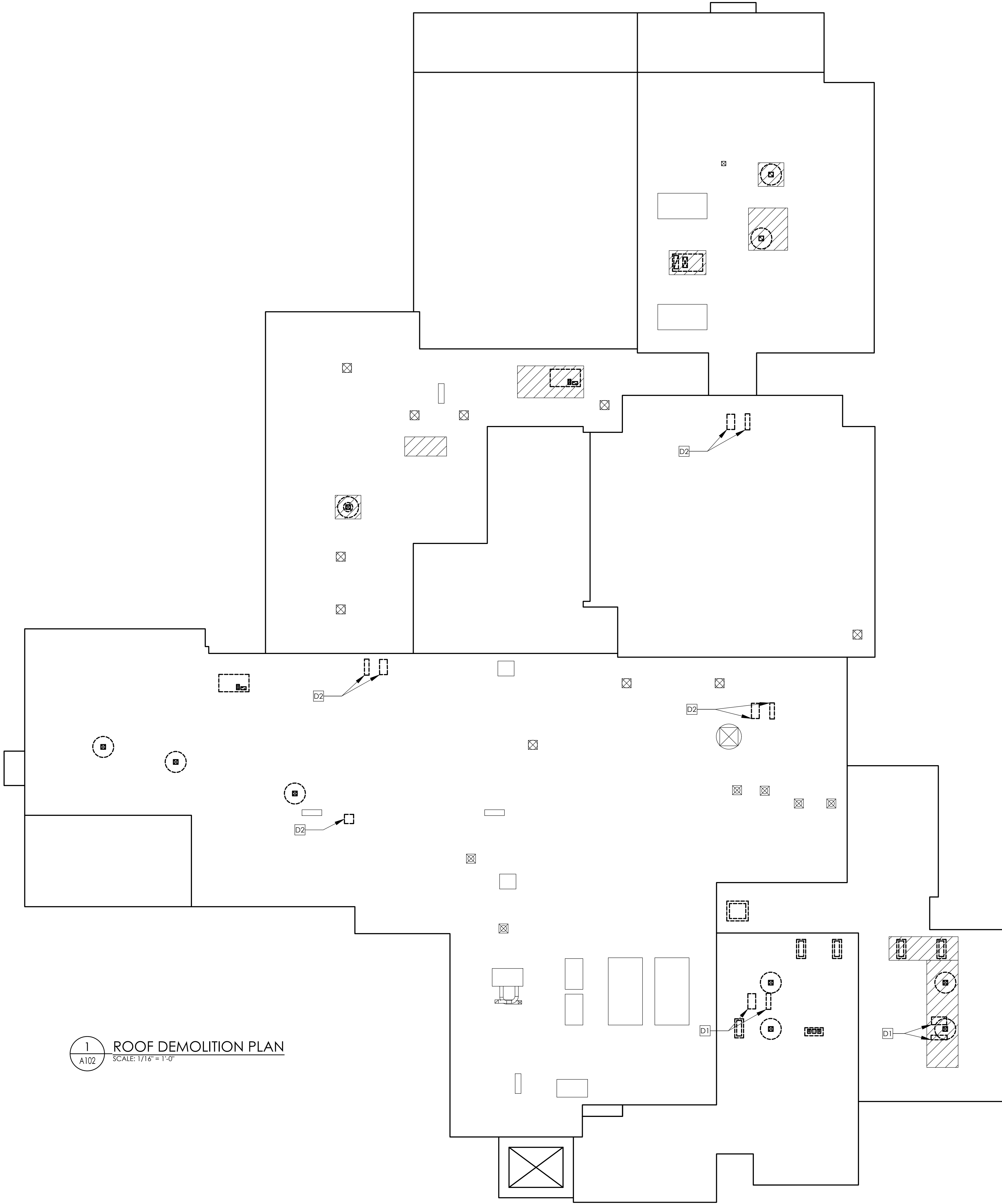
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Drawing Title

UPPER LEVEL DEMOLITION PLAN
- AREA C

Drawing Number

PMS
A101C



1 ROOF DEMOLITION PLAN
A102 SCALE: 1/16" = 1'-0"

GENERAL ROOFING NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING ROOFING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
2. THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS & PROVIDE PROTECTION AT ANY/ALL OPENINGS IN ROOF LEFT AT THE END OF EACH CONSTRUCTION DAY OR ONSET OF INCLEMENT WEATHER.
3. CONTRACTOR SHALL REMOVE AND REINSTALL ANY EXISTING EXTERIOR EQUIPMENT (LIGHTS, SPEAKERS, ETC.) AT SOFFIT AND FASCIA AREAS TO ACCOMMODATE NEW WORK.

ROOF DEMOLITION KEYNOTES:

- D1 CUT AND REMOVE EXISTING STRUCTURAL STEEL ROOF DECK TO FACILITATE MECHANICAL WORK. INSTALL ROOF OPENING SUPPORT PER DETAIL 5/A700.
- D2 SAWCUT AND REMOVE PORTION OF EXISTING CONCRETE ROOF DECK TO FACILITATE MECHANICAL WORK. INSTALL ROOF OPENING SUPPORT PER DETAIL 5/A700.
- REMOVE ROOFING SYSTEM DOWN TO STRUCTURAL DECK IN LOCATION SHOWN. COORD. W/ MC FOR EXACT LOCATION.



CPL | Architecture Engineering Planning
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Newburgh, NY 12550
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PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC
REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

06-08-19-03-0-023-025

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed professional engineer in the State of New York, do hereby certify that the above is a true and correct copy of the original as submitted to me for review and approval, and that I am not aware of any other person or persons who have been or are to be employed by me in the preparation of the above, and that I am not aware of any other person or persons who have been or are to be employed by me in the preparation of the above, and that I am not aware of any other person or persons who have been or are to be employed by me in the preparation of the above.

SHEET INFORMATION

Issued

10/21/2022

Project Status

BID SUBMISSION

Drawn By

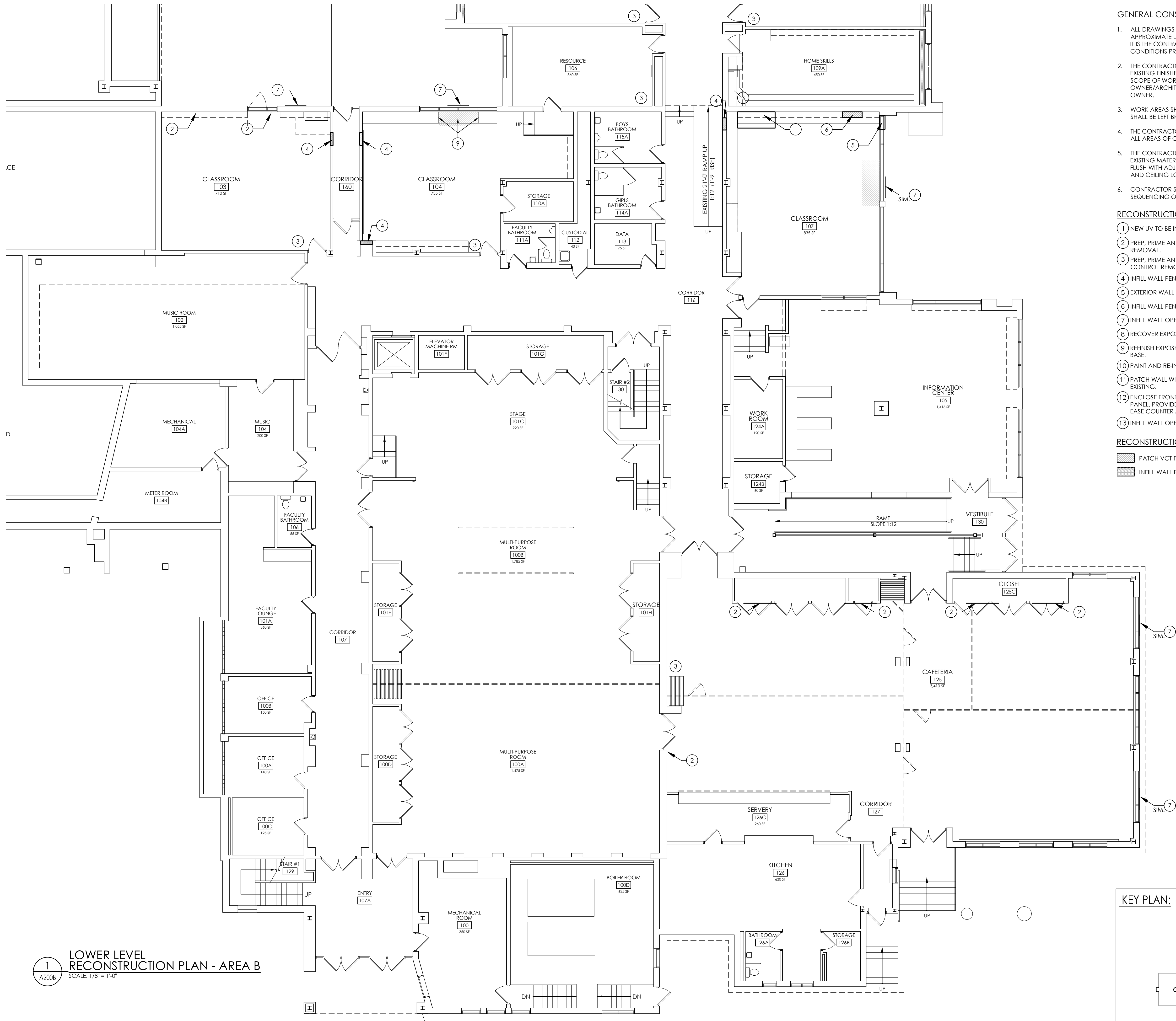
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Drawing Title

ROOF DEMOLITION PLAN

Drawing Number

PMS
A102



1
A200B
LOWER LEVEL
RECONSTRUCTION PLAN - AREA B
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

1. ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
2. THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION AT NO COST TO THE OWNER.
3. WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
4. THE CONTRACTOR SHALL PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
5. THE CONTRACTOR SHALL PATCH ALL SURFACES WHERE EXISTING MATERIALS HAVE BEEN DISTURBED TO MATCH AND BE FLUSH WITH ADJACENT CONSTRUCTION AT ALL FLOOR, WALL, AND CEILING LOCATIONS.
6. CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

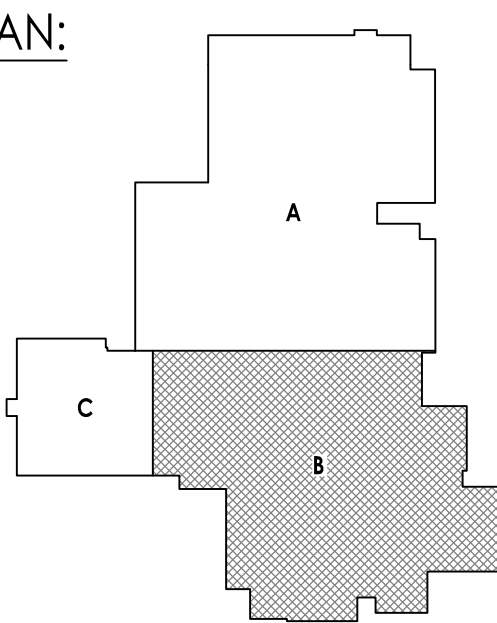
RECONSTRUCTION KEYNOTES:

- 1 NEW UV TO BE INSTALLED BY MC.
- 2 PREP, PRIME AND PAINT WALL AT LOCATION OF SPLIT SYSTEM REMOVAL.
- 3 PREP, PRIME AND PAINT WALL AT LOCATION OF TEMPERATURE CONTROL REMOVAL.
- 4 INFILL WALL PENETRATION WITH 1-HOUR RATED WALL CONSTRUCTION.
- 5 EXTERIOR WALL PENETRATION TO BE INFILLED MASONRY CONSTRUCTION.
- 6 INFILL WALL PENETRATION.
- 7 INFILL WALL OPENING PER DETAIL 4/A700 AT UV GRILLE
- 8 RECOVER EXPOSED WALL WITH 3/8" LAMINATING GYPSUM BOARD.
- 9 REFINISH EXPOSED ENDS OF EXISTING CASEWORK, INCLUDING NEW BASE.
- 10 PAINT AND RE-INSTALL EXISTING VENT COVER.
- 11 PATCH WALL WITH GYPSUM BOARD AND PAINT TO MATCH EXISTING.
- 12 ENCLOSE FRONT OF GAP AT END OF CASEWORK WITH MATCHING PANEL. PROVIDE FINISHED EDGE WHERE SOLID COUNTER WAS CUT; EASE COUNTER AGAINST NEW WALL.
- 13 INFILL WALL OPENING PER DETAIL 3/A700 AT UV GRILLE

RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC
REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

68-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATUTE
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMPENSATION
REGULATIONS FOR ANY PERSON (INDED) ACTING UNDER THE DIRECTION OF A LICENSED
ARCHITECT, ENGINEER OR LAND SURVEYOR TO SIGN AN ARCHITECTURAL OR ENGINEERING
DRAWING BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IF HE OR SHE
HAS NOT BEEN AWARE OF THE FACTS AND FIGURES AND THE DESIGN, AND IF FOLLOWED BY
THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE
ALTERATION.

SHEET INFORMATION

Issued

10/21/22

Project Status

BID SUBMISSION

Drawn By

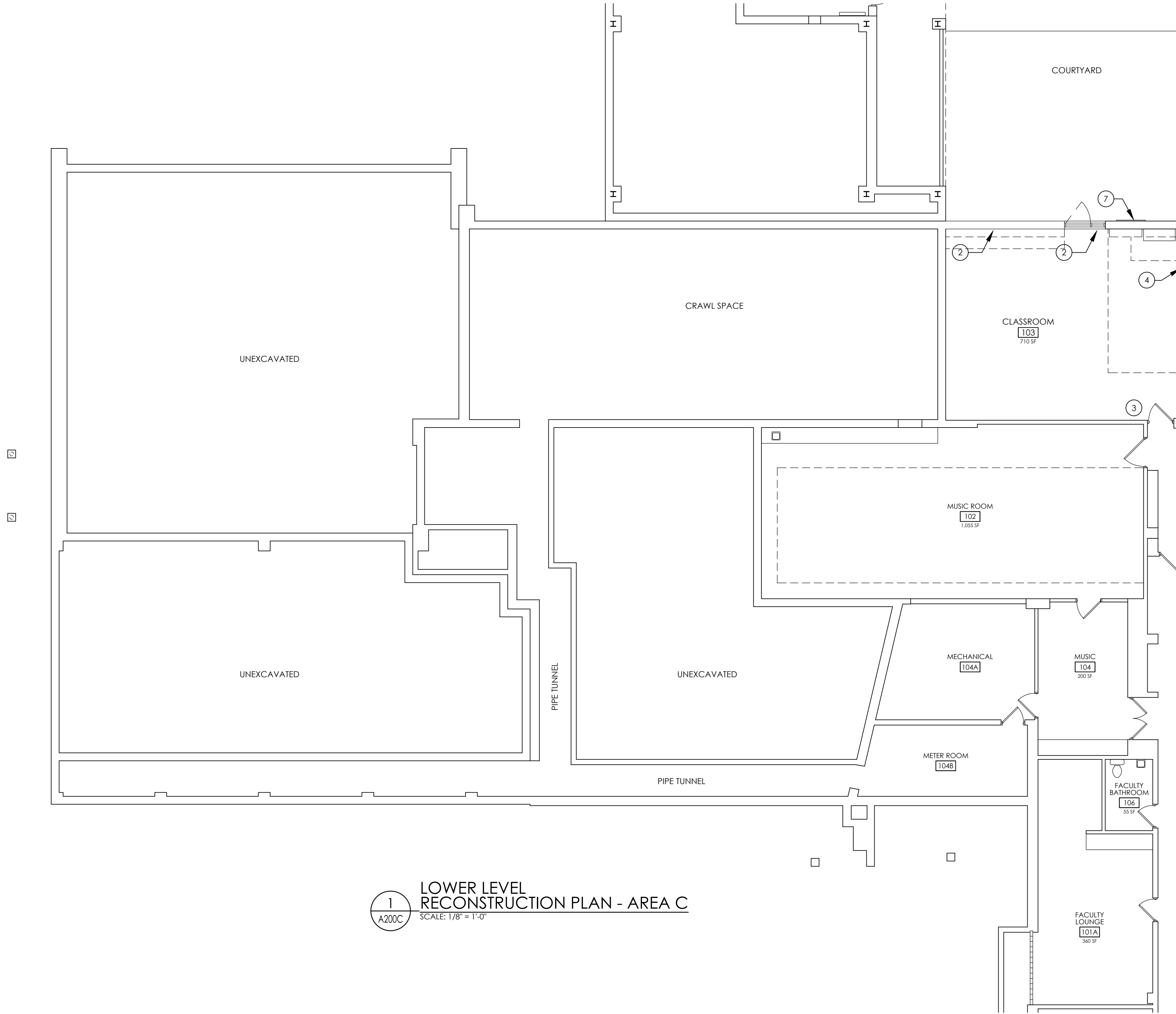
TLB

Drawing Title

LOWER LEVEL RECONSTRUCTION
PLAN - AREA B

Drawing Number

PMS
A200B



1
A200C
LOWER LEVEL
RECONSTRUCTION PLAN - AREA C
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
- THE CONTRACTOR IS RESPONSIBLE FOR DAMAGE TO ANY EXISTING FINISHES AND EQUIPMENT NOT REMOVED UNDER THE SCOPE OF WORK. ANY DAMAGE WILL BE REPAIRED TO THE OWNER/ARCHITECT'S SATISFACTION AT NO COST TO THE OWNER.
- WORK AREAS SHALL BE MAINTAINED AND ALL WORK AREAS SHALL BE LEFT BROOMED CLEAN AT END OF EACH DAY.
- THE CONTRACTOR SHALL PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
- THE CONTRACTOR SHALL PATCH ALL SURFACES WHERE EXISTING MATERIALS HAVE BEEN DISTURBED TO MATCH AND BE FLUSH WITH ADJACENT CONSTRUCTION AT ALL FLOOR, WALL, AND CEILING LOCATIONS.
- CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

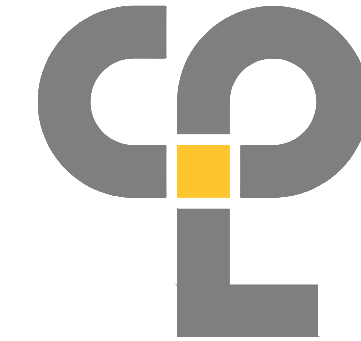
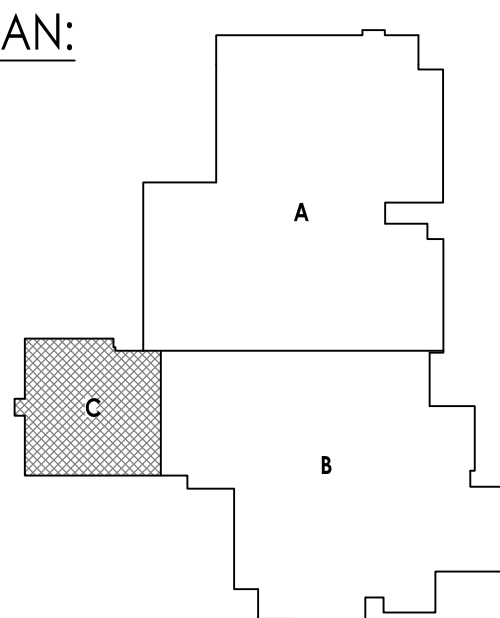
RECONSTRUCTION KEYNOTES:

- NEW UV TO BE INSTALLED BY MC.
- PREP, PRIME AND PAINT WALL AT LOCATION OF SPLIT SYSTEM REMOVAL.
- PREP, PRIME AND PAINT WALL AT LOCATION OF TEMPERATURE CONTROL REMOVAL.
- INFILL WALL PENETRATION WITH 1-HOUR RATED WALL CONSTRUCTION.
- EXTERIOR WALL PENETRATION TO BE INFILLED MASONRY CONSTRUCTION.
- INFILL WALL PENETRATION.
- INFILL WALL OPENING PER DETAIL 4/A700 AT UV GRILLE
- RECOVER EXPOSED WALL WITH 3/8" LAMINATING GYPSUM BOARD.
- REFINISH EXPOSED ENDS OF EXISTING CASEWORK, INCLUDING NEW BASE.
- PAINT AND RE-INSTALL EXISTING VENT COVER.
- PATCH WALL WITH GYPSUM BOARD AND PAINT TO MATCH EXISTING.
- ENCLOSE FRONT OF GAP AT END OF CASEWORK WITH MATCHING PANEL. PROVIDE FINISHED EDGE WHERE SOLID COUNTER WAS CUT; EASE COUNTER AGAINST NEW WALL.
- INFILL WALL OPENING PER DETAIL 3/A700 AT UV GRILLE

RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC
REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

15-08-09-03-0201-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, a, a member of the NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATION FOR ANY PERSONS UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER, OR ARCHITECT, TO SIGN ANY PART OF A DESIGN DRAWING, HAVE REVIEWED THE DRAWING AND THE INFORMATION PROVIDED BY THE ARCHITECT, ENGINEER, OR ARCHITECT, AND I HAVE DETERMINED THAT THE DRAWING IS IN ACCORDANCE WITH THE REQUIREMENTS OF THE PROFESSIONAL SEAL OF AN ARCHITECT, ENGINEER, OR ARCHITECT. THE ALTERING PARTS SHALL BE THE DESIGNER'S SEAL AND THE ARCHITECT'S SEAL SHALL BE THE ARCHITECT'S SEAL AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued

10/21/22

Project Status

BID SUBMISSION

Drawn By

TLB

Checked By

LT

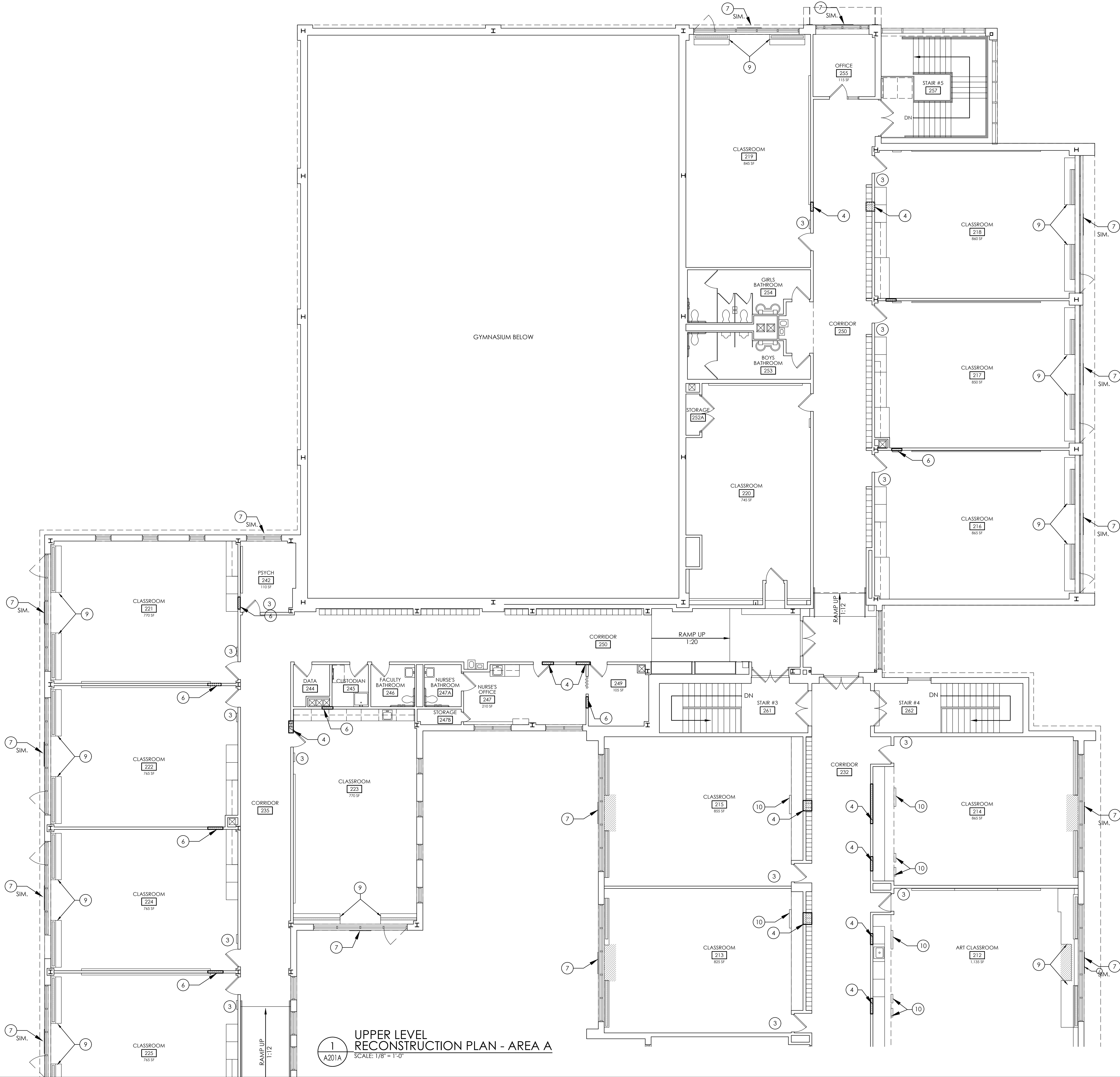
Drawing Title

LOWER LEVEL RECONSTRUCTION

PLAN - AREA C

Drawing Number

PMS
A200C



1
A201A
UPPER LEVEL
RECONSTRUCTION PLAN - AREA A
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

- ALL DRAWINGS ARE GRAPHIC REPRESENTATION OF APPROXIMATE LOCATIONS OF EXISTING AND NEW MATERIALS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL CONDITIONS PRIOR TO COMMENCEMENT OF WORK.
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- CONTRACTOR SHALL COORDINATE WITH OTHER TRADES FOR SEQUENCING OF WORK.

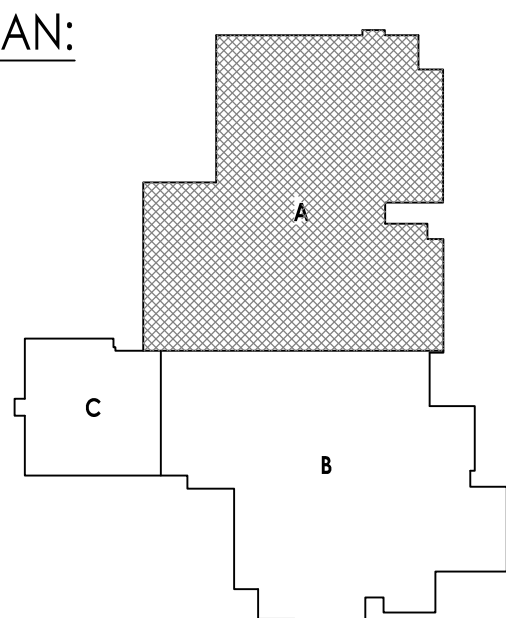
RECONSTRUCTION KEYNOTES:

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- PREP, PRIME AND PAINT WALL AT LOCATION OF SPLIT SYSTEM REMOVAL.
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- INFILL WALL PENETRATION.
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RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



PROJECT INFORMATION

Project Number
15131.07
Client Name
PLEASANTVILLE UFSD

Project Name
**MIDDLE SCHOOL HVAC
REPLACEMENT**

Project Address
40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
15-08-09-03-0201-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS


NEW YORK STATE EDUCATION DEPARTMENT
I, A. [Signature], of the New York State Education Department, hereby certify that the undersigned is a duly licensed professional engineer in the State of New York, and that the undersigned is the author of the design and construction of the building shown on the attached drawings, and that the undersigned is the author of the design and construction of the building shown on the attached drawings, and that the undersigned is the author of the design and construction of the building shown on the attached drawings.

SHEET INFORMATION

Issued
10/21/22
Project Status
BID SUBMISSION
Drawing Title
UPPER LEVEL RECONSTRUCTION
PLAN - AREA A

Scale
DRAWING SCALE
Checked By
LT
Drawing Number
**PMS
A201A**

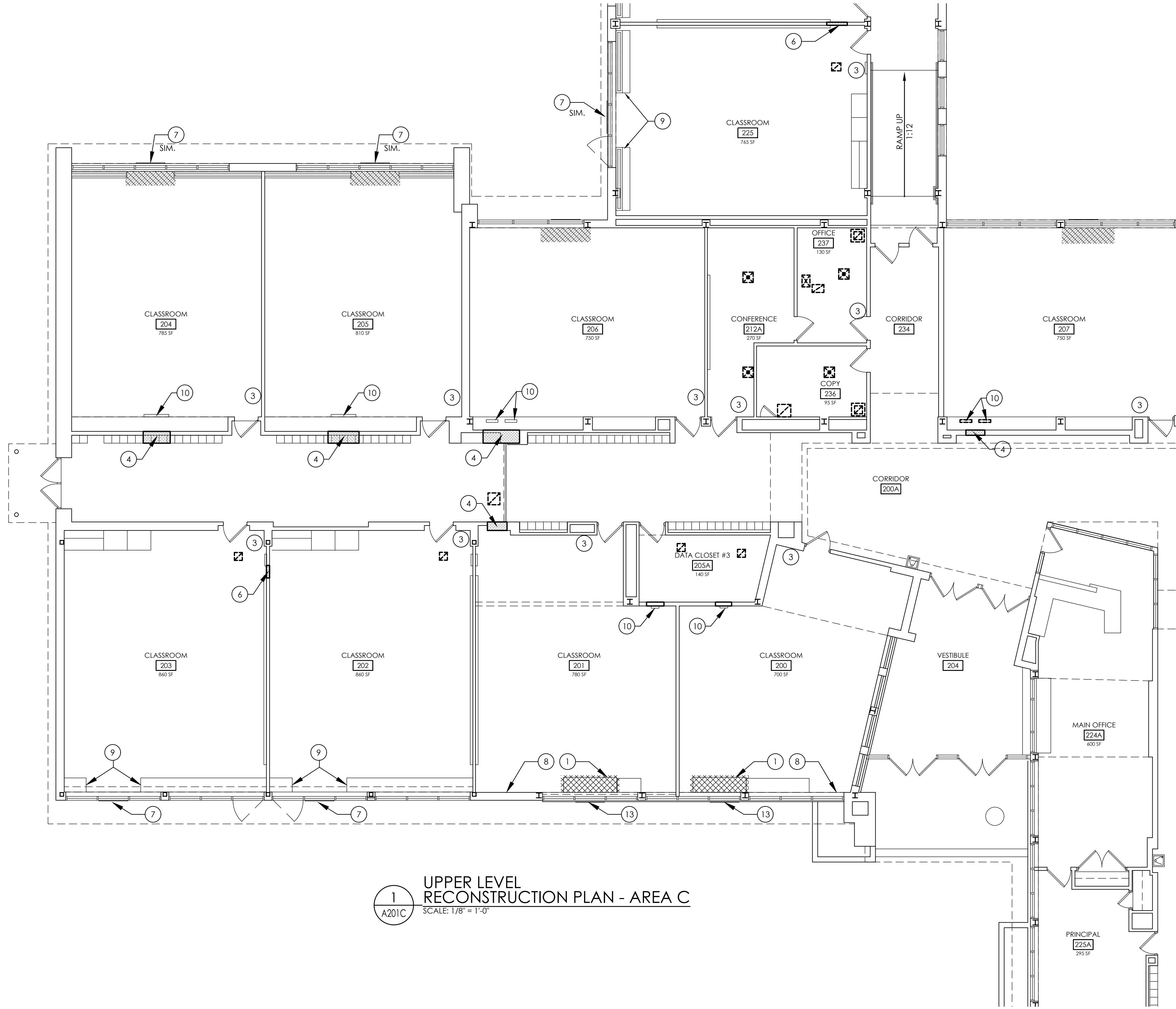


 PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING.

 INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.



SHEET INFORMATION	
Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT
Drawing Title	
UPPER LEVEL	
RECONSTRUCTION PLAN -	
AREA B	
Drawing Number	
PMS	
A201B	



1
A201C
UPPER LEVEL
RECONSTRUCTION PLAN - AREA C
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

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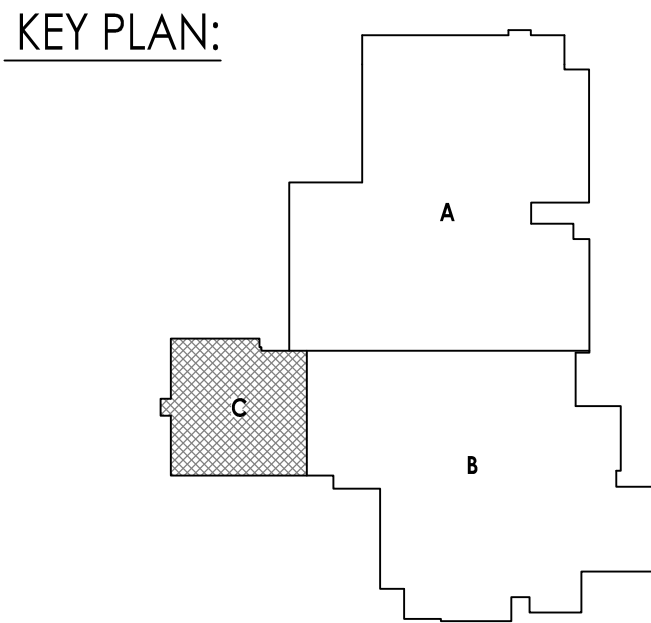
RECONSTRUCTION KEYNOTES:

- 1 NEW UV TO BE INSTALLED BY MC.
- 2 PREP, PRIME AND PAINT WALL AT LOCATION OF SPLIT SYSTEM REMOVAL.
- 3 PREP, PRIME AND PAINT WALL AT LOCATION OF TEMPERATURE CONTROL REMOVAL.
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RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC
REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

08-08-09-03-0-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed architect under the laws of the State of New York, do hereby certify that I am the author of the design and construction of the building shown on the attached plans, and that I am a duly licensed architect under the laws of the State of New York.

SHEET INFORMATION

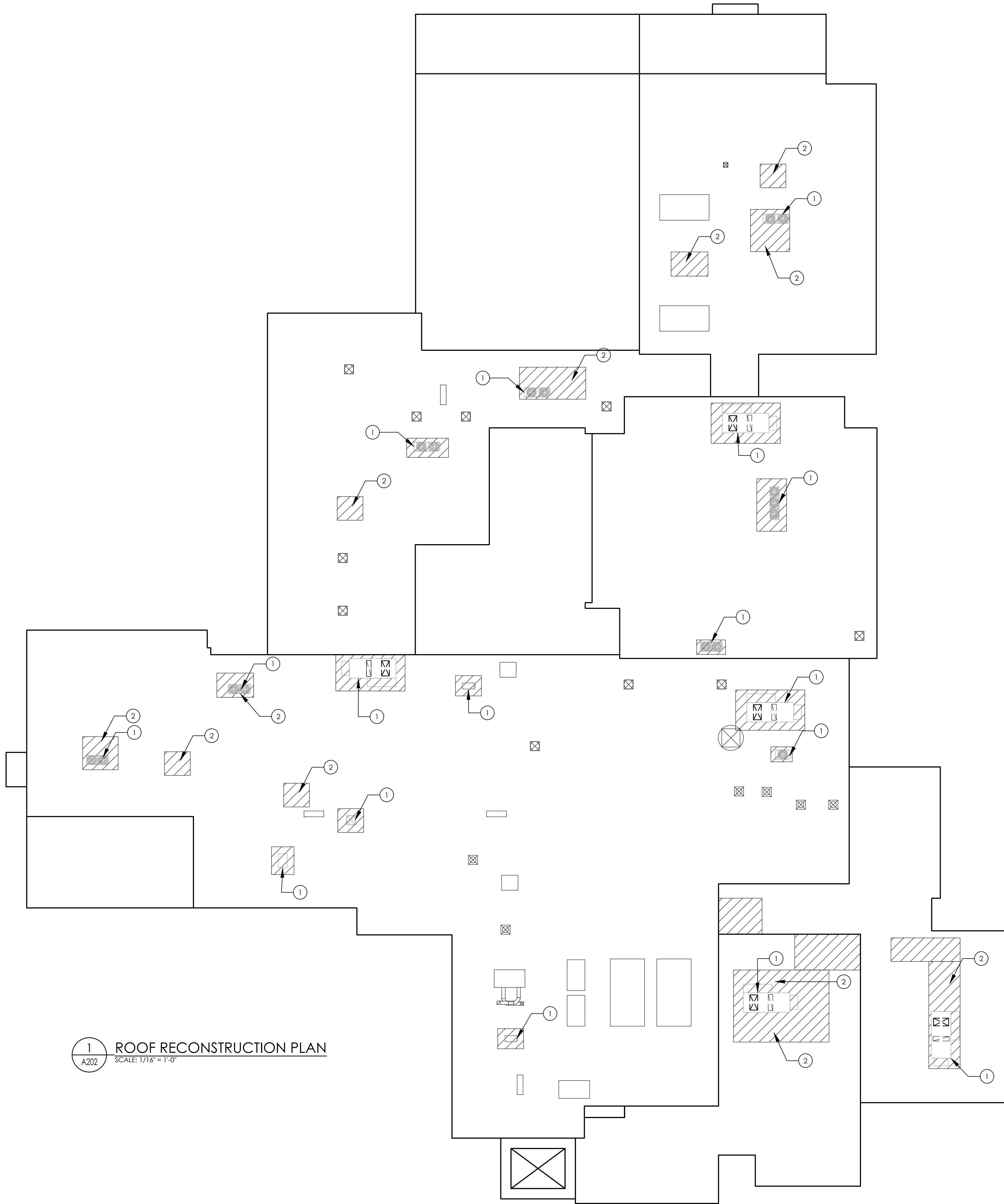
Issued
10/21/22
Scale
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
TLB
Checked By
LT

Drawing Title
UPPER LEVEL
RECONSTRUCTION PLAN -
AREA C

Drawing Number

PMS
A201C

Sheet Size: 24x36
Drawing Name: s:\Projects\Pleasantville UFSD\PMs HVAC\0 Design\06 CAD\ACAD\ARCH\A2\A202.dwg
Date last accessed: 10/21/2022 12:54 PM
Date last plotted: 10/24/2022 1:58 PM
Plotted By: Allison Sawyer



GENERAL ROOFING NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING ROOFING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
2. THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN WATER TIGHTNESS & PROVIDE PROTECTION AT ANY/ALL OPENINGS IN ROOF LEFT AT THE END OF EACH CONSTRUCTION DAY OR ONSET OF INCLEMENT WEATHER.
3. CONTRACTOR SHALL REMOVE AND REINSTALL ANY EXISTING EXTERIOR EQUIPMENT (LIGHTS, SPEAKERS, ETC.) AT SOFFIT AND FASCIA AREAS TO ACCOMMODATE NEW WORK.

ROOF RECONSTRUCTION KEYNOTES:

- 1 NEW HVAC EQUIPMENT AND CURB BY M.C. G.C. TO INSTALL CURB AND FLASH ROOF. COORDINATE WITH M.C.
- 2 INFILL EXISTING ROOF OPENING PER DETAIL 4/A700.

AREA OF NEW ROOFING SYSTEM TO MATCH EXISTING ADJACENT.



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number

15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL

06-08-RP-02-0-023-025

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed architect under the laws of the State of New York, do hereby certify that the foregoing is a true and correct copy of the original design as submitted to me by the client, and that I am not aware of any falsification or misrepresentation of the same. I am not aware of any falsification or misrepresentation of the same. I am not aware of any falsification or misrepresentation of the same.

SHEET INFORMATION

Issued

10/21/2022

Project Status

BID SUBMISSION

Drawn By

RA

Drawing Title

ROOF RECONSTRUCTION PLAN

Drawing Number

PMS
A202



Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name

**MIDDLE SCHOOL HVAC
REPLACEMENT**

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
66-08-09-C3-0-001-017

No.	Date	Description
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

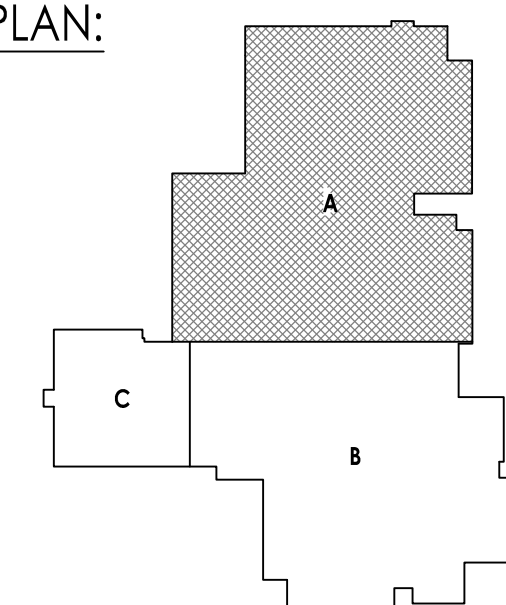
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED. THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT
Drawn As Title	







LOWER LEVEL CEILING PLAN
-AREA A

Drawing Number

PMS
A600A



CEILING LEGEND:

	SUSPENDED ACOUSTIC CEILING SYSTEM [ACT] EXISTING 2' X 4' TO BE REMOVED AND REINSTALLED
	SUSPENDED ACOUSTIC CEILING SYSTEM [ACT] EXISTING 2' X 2' TO BE RENEWED AND REINSTALLED
	SUSPENDED ACOUSTIC CEILING SYSTEM [ACT] NEW 2' X 4'
	SUPPLY DIFFUSER BY M.C.
	RETURN DIFFUSER BY M.C.
	2X4 RECESSED LIGHT BY E.C.

LOWER LEVEL
CEILING PLAN - AREA A
SCALE: 1/8" = 1'-0"

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

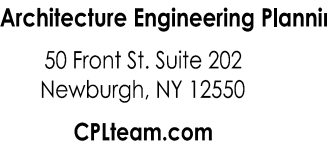
Plotted By: Allison Sawyer

Date last plotted: 10/24/2022 1:59 PM

Date last accessed: 10/17/2022 1:48 PM

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Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\06 CAD\ACAD\ARCH\A6\A600.dwg

Sheet size: 24x36



ANTVILLE UFSD

SCHOOL HVAC CEMENT

ER AVE. PLEASANTVILLE, NY 10570

NTVILLE MIDDLE SCHOOL
P-03-O-001-017

Description

FORMATION

Scale

AS SHOWN

MISSION

Checked By

LT

LEVEL CEILING PLAN
A B

Drawing Number

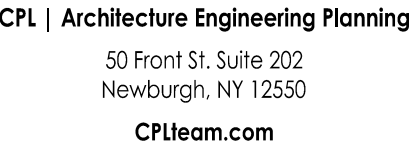
PMS
A600B



1
A600B

LOWER LEVEL
CEILING PLAN - AREA B

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



Project Number
131.07
Client Name

Project Address
10 ROMER AVE. PLEASANTVILLE, NY 10570

65-08-09-03-0-001-017

Date	Description
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NEW YORK STATE EDUCATION STATEMENT







A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONS REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSING OFFICIAL, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERATION SHALL AFFRONT TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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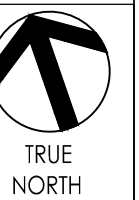
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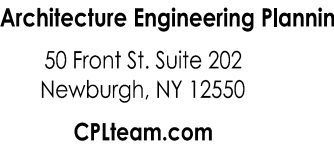
PMS
A600C



	SUSPENDED ACOUSTIC CEILING SYSTEM [ACT] EXISTING 2' X 4' TO BE REMOVED AND REINSTALLED
	SUSPENDED ACOUSTIC CEILING SYSTEM [ACT] EXISTING 2' X 2' TO BE RENEWED AND REINSTALLED
	SUSPENDED ACOUSTIC CEILING SYSTEM [ACT] NEW 2' X 4'
	SUPPLY DIFFUSER BY M.C.
	RETURN DIFFUSER BY M.C.
	2X4 RECESSED LIGHT BY E.C.

A diagram showing three regions labeled A, B, and C. Region C is shaded with a cross-hatch pattern. The regions are arranged such that A is at the top, B is at the bottom, and C is to the left of A and B, overlapping both.





Product Number
131.07
Product Name

PLEASANTVILLE UFSD

MIDDLE SCHOOL HVAC REPLACEMENT

ROMER AVE. PLEASANTVILLE, NY 10570

65-08-09-03-0-001-017

Date	Description
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YORK STATE EDUCATION STATEMENT

VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSION'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF ANY, WITHOUT THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR OR ALTERED, THE ALIEN SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

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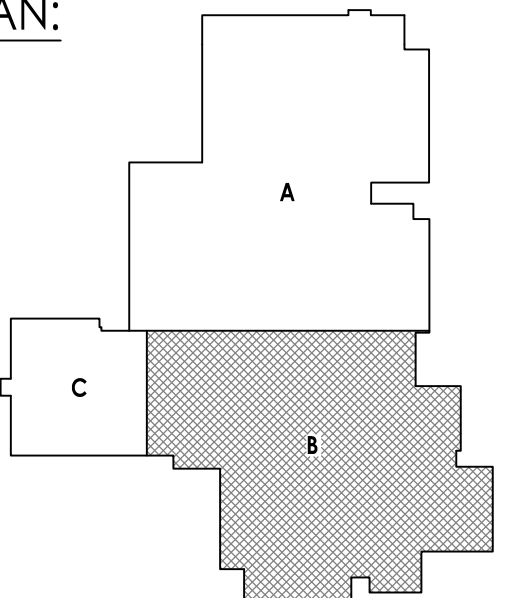
21/22	AS SHOWN
Project Status	
Submission	
Drawn By	Checked By
3	LT

UPPER LEVEL CEILING PLANS

wing Number

PMS
A601B

KEY PLAN:



1
A600B

UPPER LEVEL
CEILING PLANS - AREA b

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

Plotted By: Allison Sawyer

Date last plotted: 10/24/2022 2:18 PM

Date last accessed: 10/24/2022 2:05 PM

Sheet size: Z4X36
Drawing Name: S:\Projects\ Pleasantville UFSD\ PMS HVAC\ D Design\ 06 CAD\ ACAD\ ARCH\ A6\ A601.dwg

Sheet size: 24x36



131.07

Plant Name

LEASAN

ject Address

ROMER AVE. PLEASANTVILLE, NY 10570

65-08-09-03-0-001-017

Date	Description
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VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

ed

/21/22

de

Project Status

► SUBMISSION

Drawn By

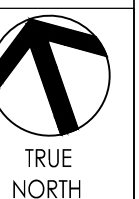
Checked By

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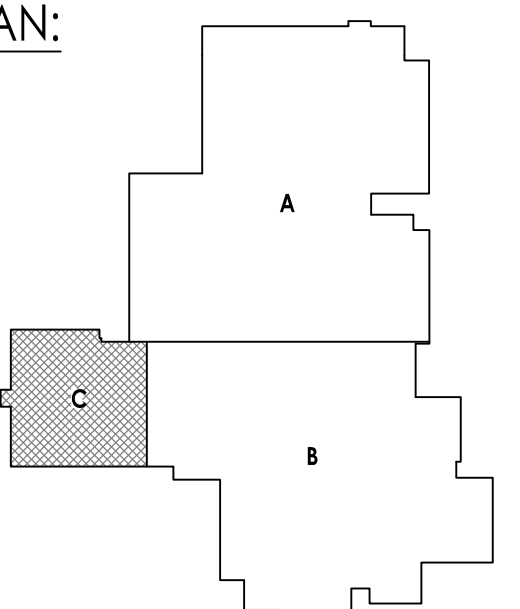
UPPER LEVEL CEILING PLANS AREA C

Following Number

PMS
A601C

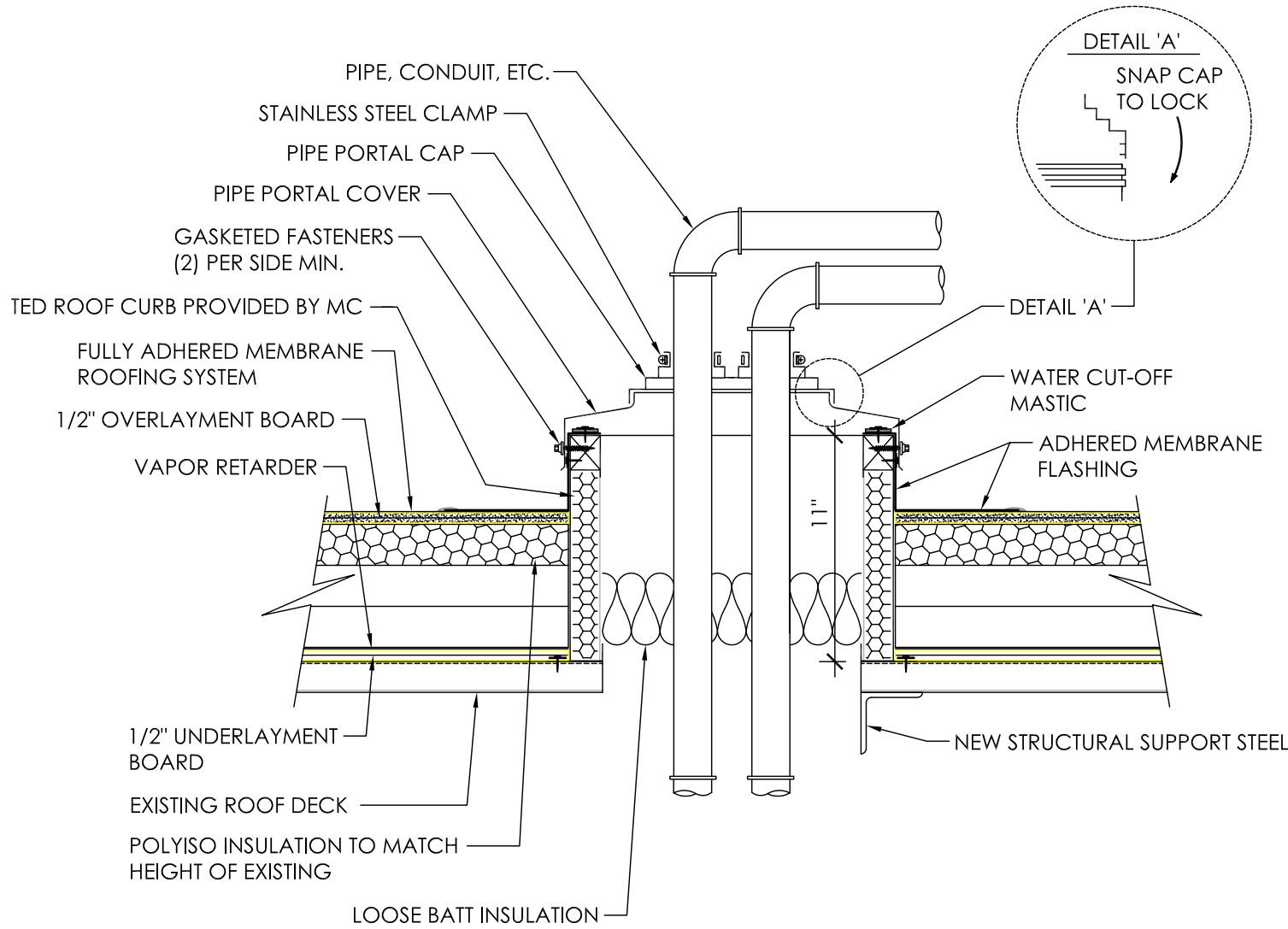


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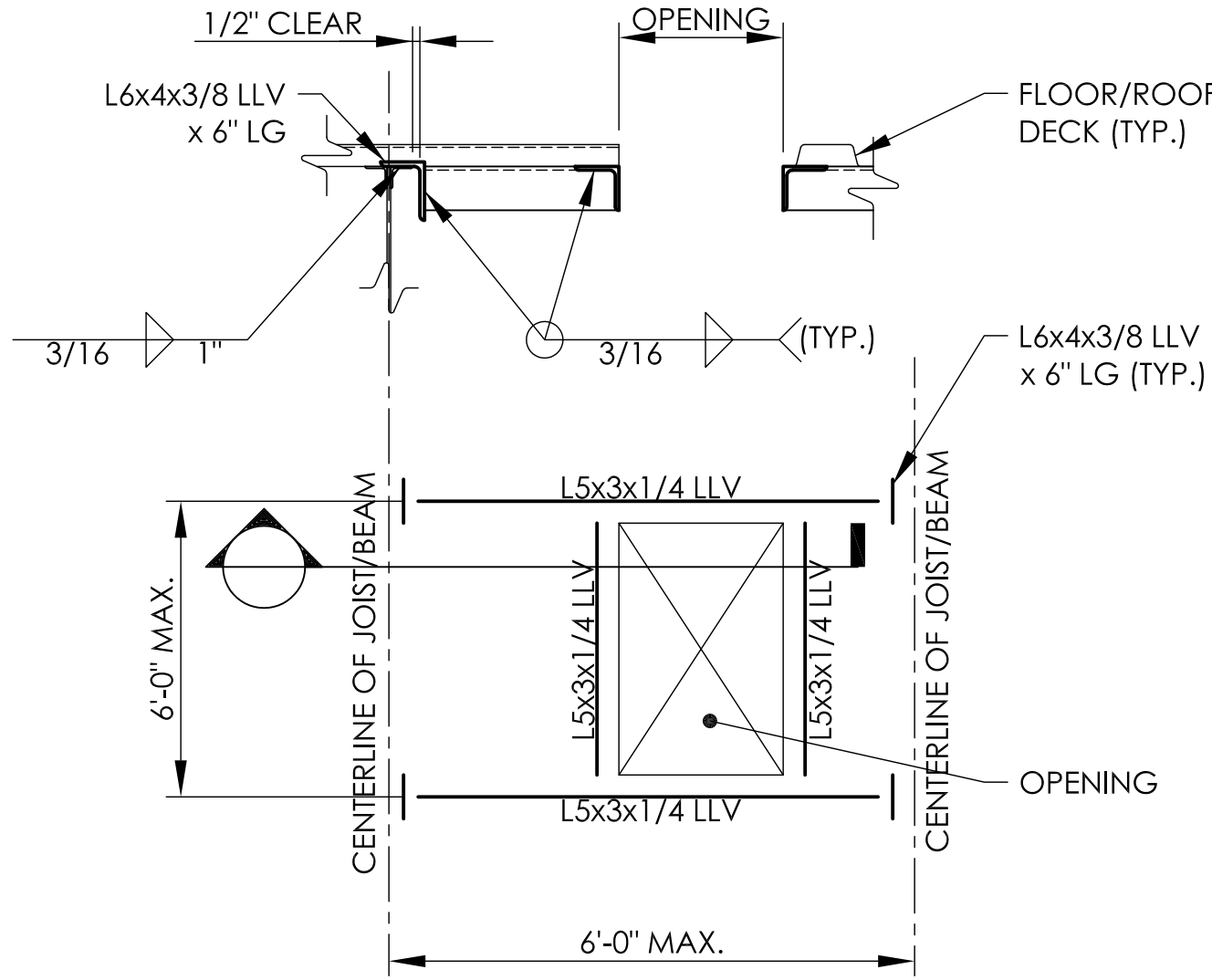


MASONRY LINTEL SCHEDULE			
WALL TYPE	SPAN	LINTEL	SECTION
4" MASONRY OR VENEER	0'-8" TO 4'-6"	L4x3 1/2x5/16 LLV	J
	4'-7" TO 5'-6"	L4x3 1/2x5/16 LLV	J
	5'-7" TO 6'-6"	L5x3 1/2x5/16 LLV	J
	6'-7" TO 7'-6"	L6x3 1/2x5/16 LLV	J
6" MASONRY	0'-0" TO 1'-3"	BOND BEAM W/ (1) #4	J
	1'-4" TO 4'-6"	WT4x9	J
	4'-7" TO 5'-6"	WT4x10.5	J
	5'-7" TO 6'-6"	WT5x13	J
	6'-7" TO 7'-6"	WT5x13	J
	7'-7" TO 9'-0"	W8x10 + 5/16x6 1/2 PL	J
8" MASONRY	0'-0" TO 1'-3"	BOND BEAM W/ (2) #4	J
	1'-4" TO 4'-6"	(2) L4x3 1/2x5/16 LLV	J
	4'-7" TO 5'-6"	(2) L4x3 1/2x5/16 LLV	J
	5'-7" TO 6'-6"	(2) L5x3 1/2x5/16 LLV	J
	6'-7" TO 7'-6"	(2) L6x3 1/2x5/16 LLV	J
	7'-7" TO 9'-0"	WT9x25	J
4" MASONRY OR VENEER + 8" MASONRY OR 12" MASONRY	0'-0" TO 1'-3"	L4x3 1/2x5/16 LLV + BOND BEAM W/ (2) #4	J
	1'-4" TO 4'-6"	(3) L4x3 1/2x5/16 LLV	J
	4'-7" TO 5'-6"	(3) L4x3 1/2x5/16 LLV	J
	5'-7" TO 6'-6"	(3) L5x3 1/2x5/16 LLV	J
	6'-7" TO 7'-6"	(3) L6x3 1/2x5/16 LLV	J
	7'-7" TO 8'-6"	W8x15 + 5/16x7 1/2 PL	J

- SCHEDULE NOTES:
1. PROVIDE LINTELS OVER ALL MASONRY OPENINGS AS SCHEDULED UNLESS NOTED OTHERWISE ON THE DRAWINGS.
 2. MINIMUM BEARING FOR ALL LINTELS SHALL BE 8" EACH END.
 3. GROUT SOLID AREA 16" W x 24" H BELOW BEARING UNLESS NOTED OTHERWISE ON THE DRAWINGS.
 4. COORDINATE MASONRY OPENING SIZES AND LOCATIONS WITH ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS.
 5. CONTRACTOR SHALL PROVIDE AN ADDITIONAL 50 FEET OF L5x3 1/2x5/16 ANGLE.
 6. FOR MASONRY OPENING SPANS GREATER THAN 6'-0", BOLT ASSEMBLIES TOGETHER AT 1/3 POINTS.
 7. FOR ALL W AND WT SHAPE LINTELS, PROVIDE A 1/2x5x7 BEARING PLATE WITH (2) 1/2" DIAMETER x 6" LONG HEADED STUDS, EACH END.
 8. STEEL LINTELS EXPOSED TO THE EXTERIOR SHALL BE GALVANIZED UNLESS NOTED OTHERWISE.

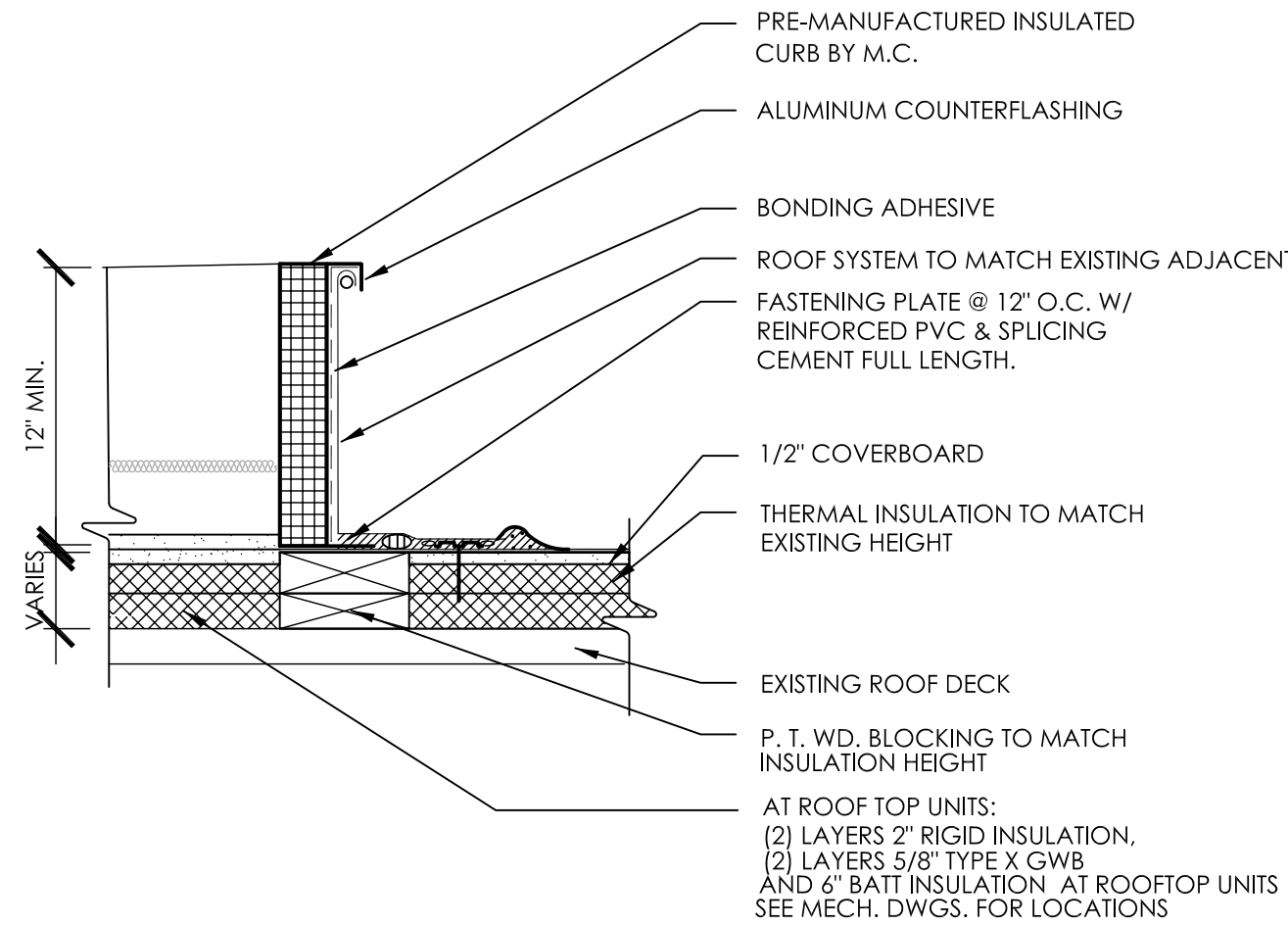


1 PIPE PORTAL DETAIL
SCALE: 1 1/2" = 1'-0"

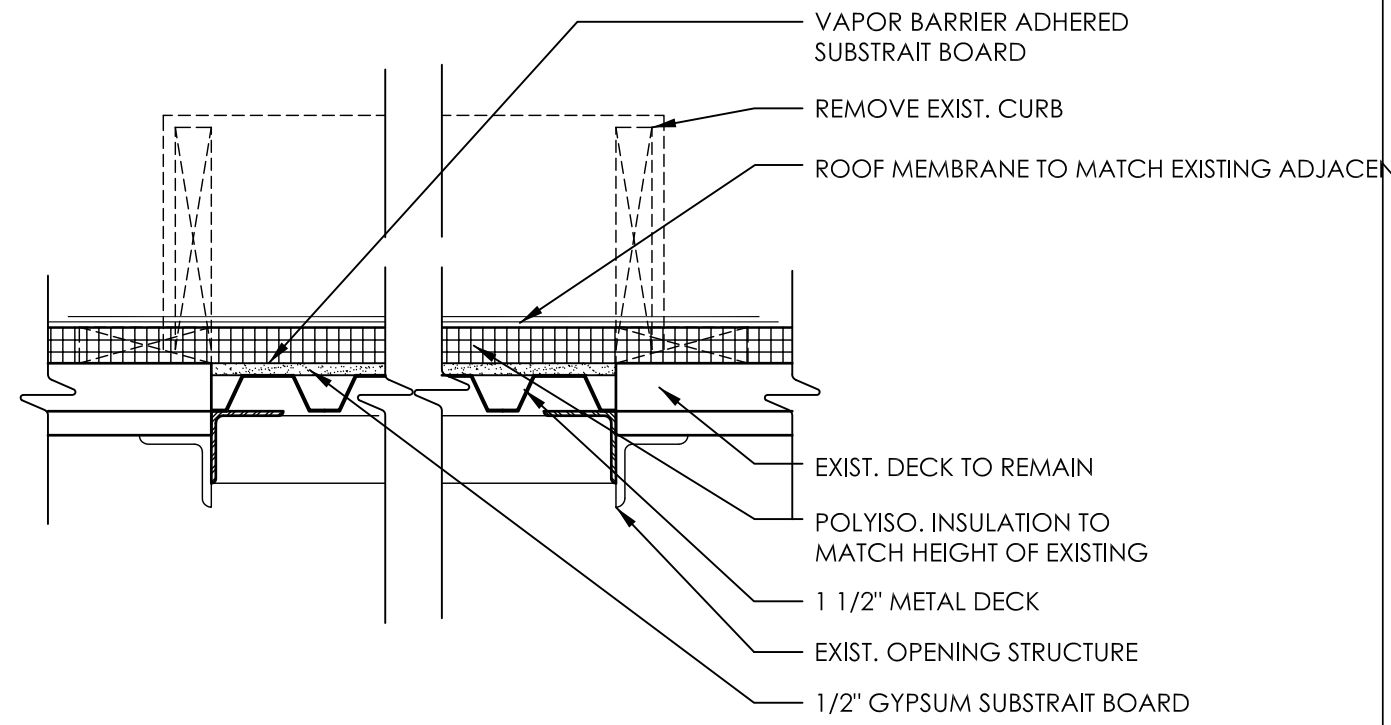


- DETAIL NOTES:
1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
 2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.

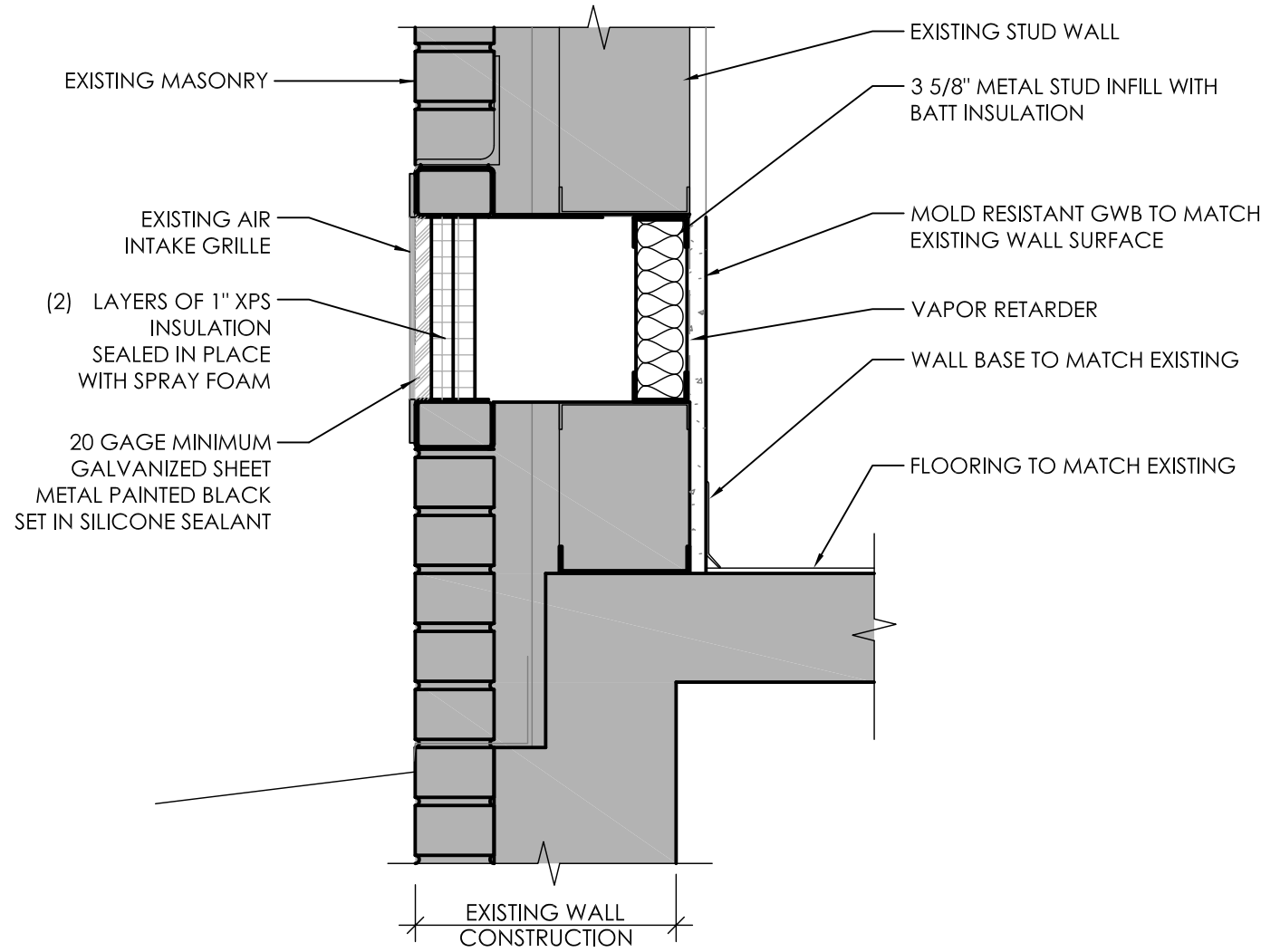
5 ROOF OR FLOOR OPENING SUPPORT DETAIL
SCALE: N.T.S.



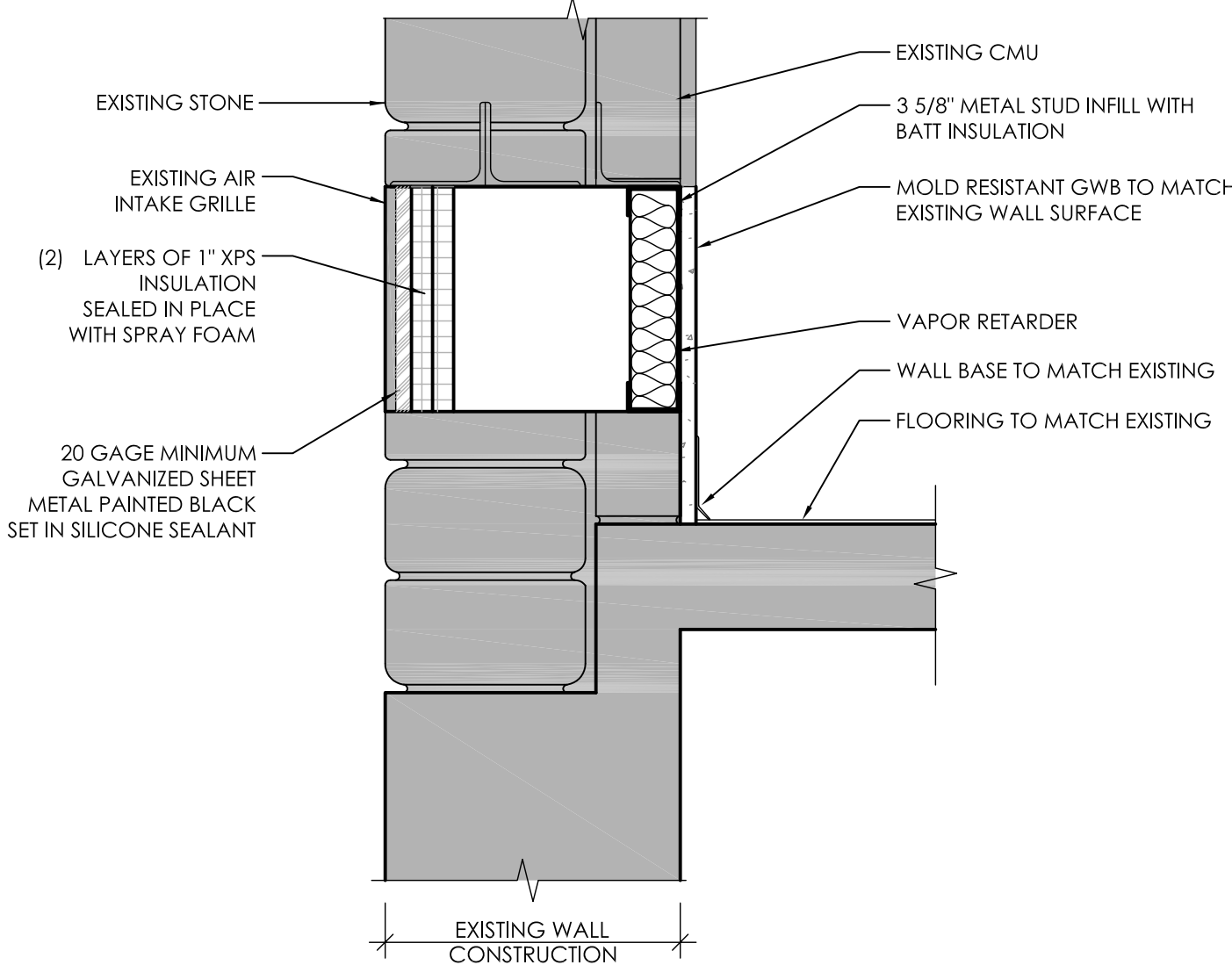
2 TYPICAL ROOF CURB FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



4 TYPICAL ROOF DECK INFILL DETAIL
SCALE: 1 1/2" = 1'-0"



6 LOUVER INFILL DETAIL
SCALE: 1 1/2" = 1'-0"



3 LOUVER INFILL DETAIL
SCALE: 1 1/2" = 1'-0"



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CPLteam.com

PROJECT INFORMATION

Project Number
15131.07
Client Name
PLEASANTVILLE UFSD

Project Name

MIDDLE SCHOOL HVAC REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

Multiple Building Names

66-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON WHOSE NAME IS USED ON THE PROJECT DRAWING IS FOLLOWS:

ARCHITECT: ENGINEER OR LAND SURVEYOR TO ALTER ANY OTHER ANY WAY OF ANY OTHER BEARING THEREON OR ANY ARCHITECT, ENGINEER OR LAND SURVEYOR TO ALTER THE DRAWING, PART THEREOF, OR THE ENTIRE DRAWING AND THE REVISIONS THEREOF BY FOLLOWING UP THE SIGNATURE AND THE DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Revised
10/21/2022
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
RA
Checked By
LT
Drawing Title

DETAILS

Drawing Number

PMS
A700

Plotted By: Brandon Mazza

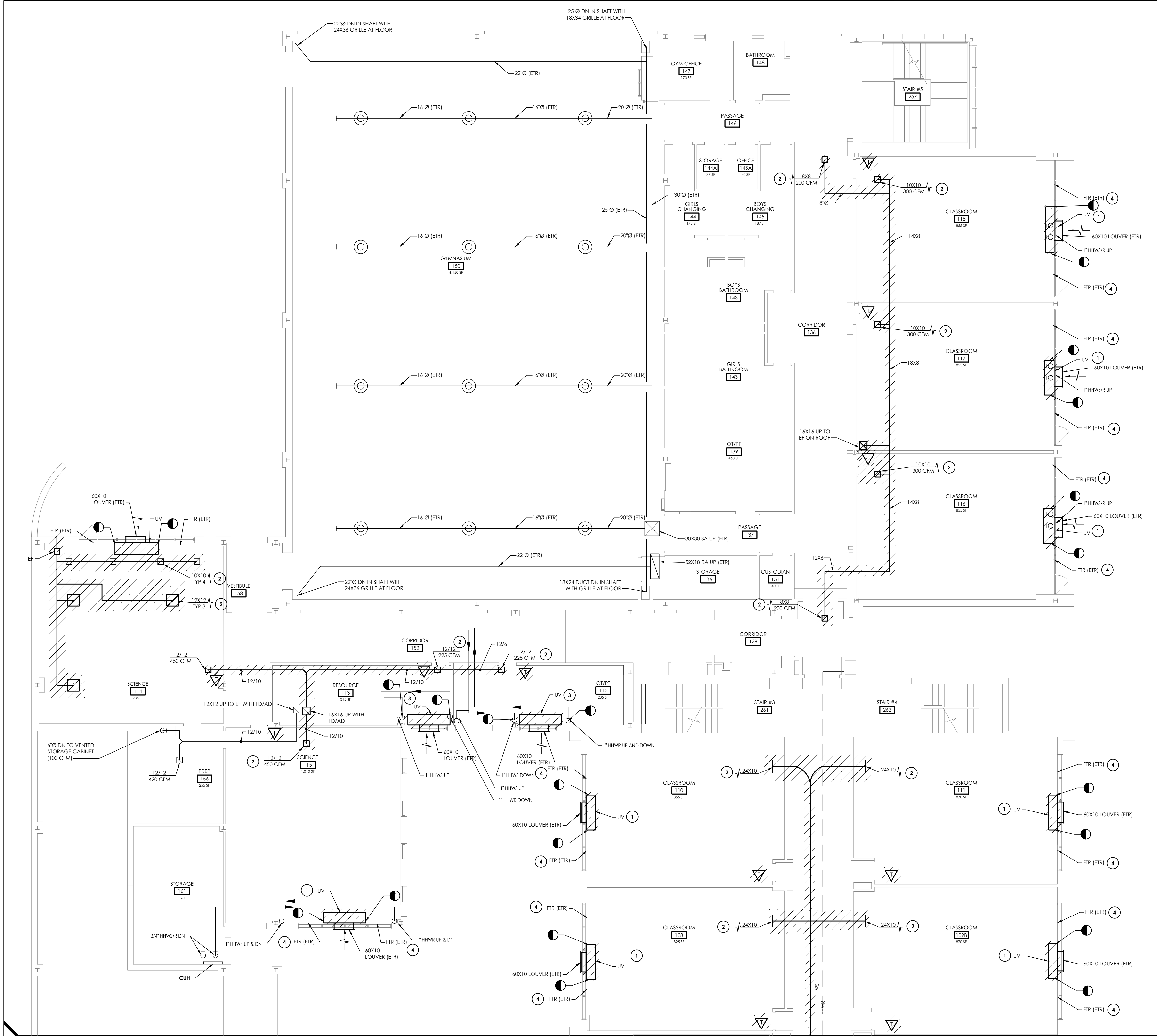
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HVAC SYMBOLS LIST											
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER		CONNECTION - TOP		DOUBLE WALL LINED DUCT		SUPPLY / RETURN / EXHAUST AIR TAKEOFFS		ELECTRIC/PNEUMATIC SWITCH OR RELAY		
ACC	AIR-COOLED CONDENSING UNIT		CONNECTION - BOTTOM		DUCT SECTION - SUPPLY		DUCT SECTION - RETURN/EXHAUST		PNEUMATIC/ELECTRIC SWITCH OR RELAY		
AD	ACCESS DOOR		DIRECTION OF FLOW		DUCT SECTION - ROUND DUCT IN INCHES		DUCT SECTION - FLAT OVAL DUCT IN INCHES		OPEN/CLOSED		
AFF	ABOVE FINISHED FLOOR		REDUCER		CAP OR PLUG		ACOUSTIC THERMAL LINING		START/STOP		
AHU	AIR HANDLING UNIT		ELBOW DOWN		FLEXIBLE DUCTWORK		FLEXIBLE CONNECTION		ENABLE/DISABLE		
BBD	BOILER BLOW DOWN		ELBOW UP		GATE VALVE		FIRE DAMPER		TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)		
BD	BACKDRAFT DAMPER		TEE OUTLET - UP		BALL VALVE		SMOKE DAMPER		HUMIDITY SENSOR (DUCT MOUNTED)		
CA	COMPRESSED AIR		TEE OUTLET - DOWN		BALANCING VALVE		COMBINATION FIRE AND SMOKE DAMPER		FLOW TRANSMITTER		
CD	COOLING COIL CONDENSATE DRAIN		UNION		STRAINER		VOLUME DAMPER		PRESSURE TRANSMITTER		
CFM	CUBIC FEET PER MINUTE		GATE VALVE		STRAINER WITH BLOW-DOWN		DAMPER CONTROL, PARALLEL BLADE		DIFFERENTIAL PRESSURE TRANSMITTER		
CHWR	CHILLED WATER RETURN		TEE OUTLET - UP		BUTTERFLY VALVE		DAMPER CONTROL, OPPOSED BLADE		ELECTRIC/PNEUMATIC TRANSDUCER		
CHWS	CHILLED WATER SUPPLY		TEE OUTLET - DOWN		GLOBE VALVE		AUTOMATIC AIR DAMPER		ELECTRIC/ELECTRONIC TRANSDUCER		
CR	CONDENSER WATER RETURN		CHECK VALVE		TRIPLE DUTY VALVE		BACK DRAFT DAMPER		DUCT SMOKE DETECTOR		
CS	CONDENSER WATER SUPPLY		GAS COCK, PLUG VALVE		UNDERCUT DOOR 1"		BLAST GATE		SPACE THERMOSTAT		
CW	DOMESTIC COLD WATER		LOUVERED DOOR W/ SQ. FT. OF FREE AREA		AIR VENT - MANUAL		AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)		SPACE SENSOR WITH GUARD		
D	DRAIN		AIR VENT - AUTOMATIC		FLANGE		MULTI-BLADE AIR EXTRACTOR		SPACE HUMIDISTAT		
(E)	EXISTING		CHECK VALVE		CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY		TURNING VANES		WATER FLOW SENSOR		
EA	EXHAUST AIR		CONTROL VALVE, ELECTRIC 3-WAY		EXISTING WORK TO BE REMOVED (HATCHED)		POINT OF CONNECTION		PNEUMATIC ACTUATOR		
EC	ELECTRICAL CONTRACTOR		CONTROL VALVE, PNEUMATIC 2-WAY		POINT OF DISCONNECTION		AIR FLOW SENSOR		ELECTRIC ACTUATOR		
EF	EXHAUST FAN		CONTROL VALVE, PNEUMATIC 3-WAY		RELIEF / SAFETY VALVE		PRESSURE REDUCING VALVE		VARIABLE SPEED / FREQUENCY DRIVE		
ERHC	ELECTRIC REHEAT COIL		VACUUM BREAKER		PRESSURE REDUCING VALVE		EXPANSION COMPENSATOR W/ GUIDES		COOLING COIL		
ETR	EXISTING TO REMAIN		FLEXIBLE PIPE CONNECTOR		EXPANSION JOINT		PIPE ANCHOR		HEATING COIL		
EUH	ELECTRIC UNIT HEATER		EXPANSION JOINT		PIPE ANCHOR		HUMIDIFIER DISPERSION TUBE		GAS FURNACE		
F&T	FLOAT AND THERMOSTATIC TRAP		PIPE GUIDE		THERMOSTATIC TRAP		RISE IN DUCT		HUMIDIFIER		
FCU	FAN-COIL UNIT		FLOAT & THERMOSTATIC TRAP		BUCKET TRAP		DROP IN DUCT		ALARM		
FFM	FEET PER MINUTE		THERMODYNAMIC TRAP		THERMOMETER		SQUARE CEILING DIFFUSER (4 WAY)		STATUS		
FT	FIN-TUBE		WELL		STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE		ROUND CEILING DIFFUSER		FLOW SWITCH		
GC	GENERAL CONTRACTOR		PRESSURE GAUGE		SUPPLY REGISTER, RETURN OR EXHAUST GRILLE		SQUARE OR RECTANGULAR CEILING GRILLE		RELAY		
GR	GLYCOL RETURN		PIPING		SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY		CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM		PRESSURE GAUGE		
GS	GLYCOL SUPPLY		PIPING BELOW GRADE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		FREEZE-STAT		
HC	HVAC CONTRACTOR		BASE MOUNTED PUMP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)		
HHWR	HEATING HOT WATER RETURN		IN-LINE PUMP		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		
HHWS	HEATING HOT WATER SUPPLY		AIR TERMINAL UNIT WITH REHEAT COIL AND SOUND ATTENUATOR		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)		
HP	HEAT PUMP		AIR TERMINAL UNIT WITH REHEAT COIL		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)		
HPC	HIGH PRESSURE CONDENSATE		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		ELECTRICAL INTERFACE		
HPS	HIGH PRESSURE STEAM		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		SPEED FEED BACK		
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		END SWITCH		
LPC	LOW PRESSURE CONDENSATE		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		POSITION FEEDBACK		
LPG	LIQUEFIED PROPANE GAS		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		TRAVERSE AVERAGING SENSOR		
LPS	LOW PRESSURE STEAM		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		PROBE SENSOR		
MBH	1,000 BTU/HR		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		FREEZE STAT SENSOR		
MC	MECHANICAL CONTRACTOR		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
MPC	MEDIUM PRESSURE CONDENSATE		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
MPs	MEDIUM PRESSURE STEAM		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
MRD	MONOFLO FITTING DOWN - HHWR		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
MSD	MONOFLO FITTING DOWN - HHWS		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
MUW	MAKE-UP WATER		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
NC	NORMALLY CLOSED		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
NG	NATURAL GAS		AIR TERMINAL UNIT		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE		AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE				
NO	NORMALLY OPEN										

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Plotted By: Brendon Mazza
Date last plotted: 10/20/2022 2:28 PM
Date last accessed: 10/17/2022 1:16 PM



1 H100A LOWER LEVEL MECHANICAL DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

1. VERIFY ALL PIPE AND DUCT SIZES AND LOCATION PRIOR TO DEMOLITION.
2. REUSE EXISTING DUCT AND PIPE PENETRATIONS WHERE POSSIBLE. MC TO PATCH ALL WALL AND FLOOR PENETRATIONS OF UN-RATED ASSEMBLIES. COORDINATE ALL PATCHING OF RATED ASSEMBLIES WITH GC.

KEY NOTES:

1. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. EXISTING FIN TUBE TO REMAIN. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
2. REMOVE EXISTING EXHAUST GRILLES AND EXHAUST DUCTWORK IN ITS ENTIRETY INCLUDING EXHAUST FAN ON ROOF. COORDINATE WALL AND ROOF PATCHING WITH G.C. MAINTAIN ALL EXISTING ROOF WARRANTIES.
3. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
4. REMOVE EXISTING FIN TUBE COVER, EXISTING FIN TUBE TO REMAIN. PREPARE FOR NEW WORK.



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

88-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

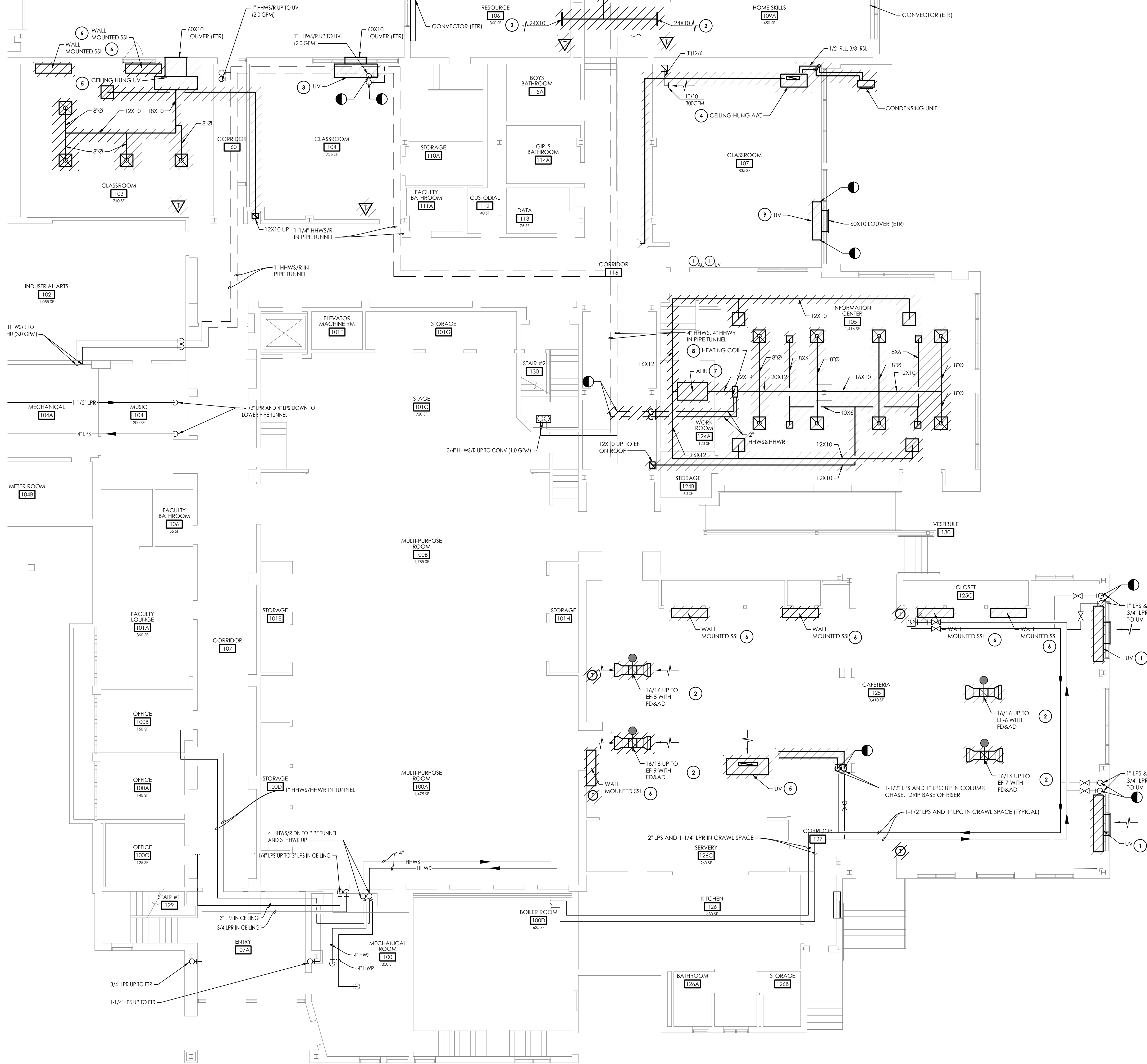
NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed professional engineer or architect, hereby certify that I am the author of the design and specification of the building and its mechanical, electrical, and plumbing systems, and that I am a duly licensed professional engineer or architect in the State of New York.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
BKM
Checked By
BKM
Drawing Title
LOWER LEVEL MECHANICAL
DEMOLITION PLAN AREA A

Drawing Number

PMS
H100A



1 LOWER LEVEL MECHANICAL DEMOLITION PLAN-AREA B
H100B SCALE: 1/8" = 1'-0"

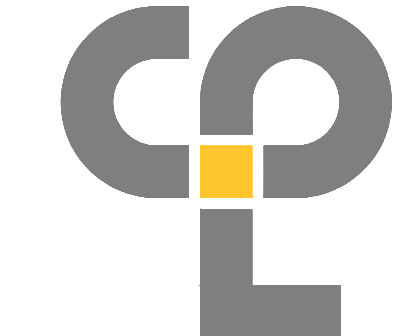
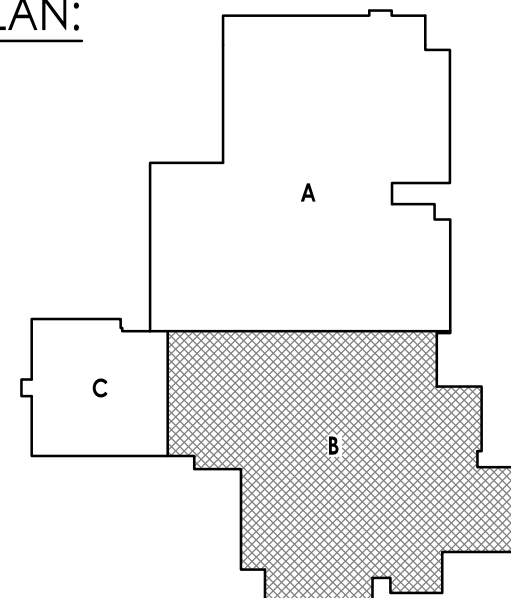
GENERAL NOTES:

1. VERIFY ALL PIPE AND DUCT SIZES AND LOCATION PRIOR TO DEMOLITION.
2. REUSE EXISTING DUCT AND PIPE PENETRATIONS WHERE POSSIBLE. MC TO PATCH ALL WALL AND FLOOR PENETRATIONS OF UN-RATED ASSEMBLIES. COORDINATE ALL PATCHING OF RATED ASSEMBLIES WITH GC.

KEY NOTES:

1. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND CAP. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
2. REMOVE EXISTING EXHAUST GRILLES AND EXHAUST DUCTWORK IN ITS ENTIRETY INCLUDING EXHAUST FAN ON ROOF. MAINTAIN ALL EXISTING ROOF WARRANTIES.
3. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. EXISTING LOUVER TO REMAIN AND BE REUSED. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK.
4. REMOVE EXISTING CEILING HUNG A/C UNIT AND ASSOCIATED ROOF MOUNTED CONDENSING UNIT IN THEIR ENTIRETY INCLUDING ALL CONTROLS, REFRIGERANT PIPING, AND CONDENSATE PIPING.
5. REMOVE EXISTING CEILING HUNG UV IN ITS ENTIRETY INCLUDING ALL CONTROLS, DUCTWORK, AND PIPING TO POINT INDICATED. CAP PIPING AND PREPARE FOR NEW WORK.
6. REMOVE EXISTING WALL MOUNTED SPLIT SYSTEM INDOOR UNIT IN ITS ENTIRETY INCLUDING ALL REFRIGERANT PIPING, CONDENSATE PIPING, AND CONTROLS.
7. REMOVE EXISTING CEILING MOUNTED AIR HANDLING UNIT IN ITS ENTIRETY INCLUDING ALL DUCTWORK, GRILLES, AND CONTROLS. REMOVE EXISTING REFRIGERANT PIPING UP TO CONDENSING UNIT ON ROOF. PREPARE FOR NEW WORK.
8. REMOVE EXISTING DUCT MOUNTED HEATING COIL IN ITS ENTIRETY INCLUDING PIPING BACK TO MAIN AND CAP.
9. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

District Office Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

68-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, the undersigned, being a duly licensed professional engineer or architect, hereby certify that the work shown on the above described plan, specification or report was prepared by me or under my direct supervision and that I am a duly licensed professional engineer or architect in the State of New York.

SHEET INFORMATION

Issued

10/21/22

Project Status

BID SUBMISSION

Drawn By

BKM

Checked By

BKM

Drawing Title

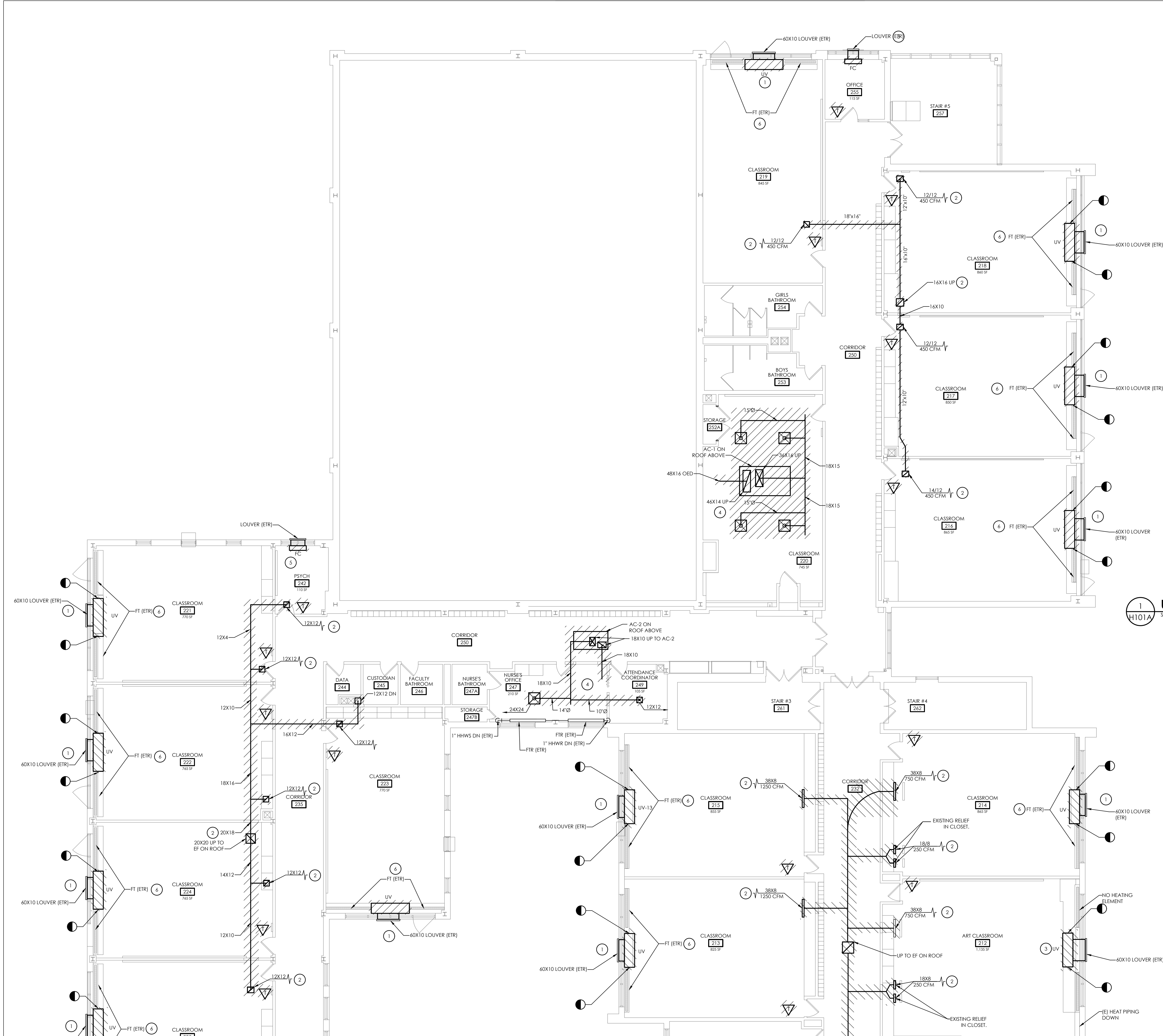
LOWER LEVEL HVAC

DEMOLITION PLAN-AREA B

Drawing Number

PMS
H100B

Sheet Size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD VPAS HVAC\0 Design\06 CAD\ACAD\MECH\H1\H103-H105.dwg
Plotted By: Brendon Mazza
Date last accessed: 10/20/2022 1:35 PM
Date last plotted: 10/20/2022 2:32 PM



GENERAL NOTES:

1. VERIFY ALL PIPE AND DUCT SIZES AND LOCATION PRIOR TO DEMOLITION.
2. REUSE EXISTING DUCT AND PIPE PENETRATIONS WHERE POSSIBLE. MC TO PATCH ALL WALL AND FLOOR PENETRATIONS OF UN-RATED ASSEMBLIES. COORDINATE ALL PATCHING OF RATED ASSEMBLIES WITH GC.

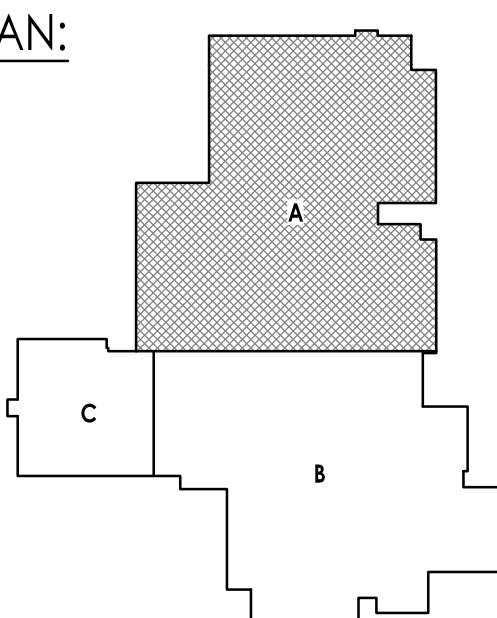
KEY NOTES:

1. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. EXISTING FIN TUBE TO REMAIN. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
2. REMOVE EXISTING EXHAUST GRILLES AND EXHAUST DUCTWORK IN ITS ENTIRETY UP TO EXHAUST FAN ON ROOF. COORDINATE WALL AND ROOF PATCHING WITH G.C. MAINTAIN ALL EXISTING ROOF WARRANTIES.
3. REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
4. REMOVE EXISTING GRILLES AND DUCTWORK IN THEIR ENTIRETY INCLUDING EXISTING ROOFTOP UNIT ON ROOF ABOVE. REMOVE EXISTING CONTROLS AND TEMPERATURE SENSORS.
5. REMOVE EXISTING WALL MOUNTED FAN COIL UNIT IN ITS ENTIRETY INCLUDING ALL CONTROLS. DISCONNECT EXISTING SUPPLY AND RETURN PIPING FROM UNIT AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
6. REMOVE EXISTING FIN TUBE COVER, EXISTING FIN TUBE TO REMAIN. PREPARE FOR NEW WORK.

1 H101A UPPER LEVEL DEMOLITION PLAN-AREA A

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

KEY PLAN:



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50 Front St. Suite 202
Newburgh, NY 12550
CPteam.com

PROJECT INFORMATION

Project Number

15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

District Office Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

88-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No.

Date

Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, the undersigned, being a duly licensed professional engineer or architect, hereby certify that the foregoing is a true and correct copy of the original design, specification, contract, or other document, as the case may be, and that the same has been prepared by me or under my direct supervision and control, and that I am a duly licensed professional engineer or architect, as the case may be, in the State of New York.

SHEET INFORMATION

Issued

10/21/22

Project Status

BID SUBMISSION

Drawn By

BKM

Drawing Title

UPPER LEVEL HVAC DEMOLITION
PLAN- AREA A

Scale

AS SHOWN

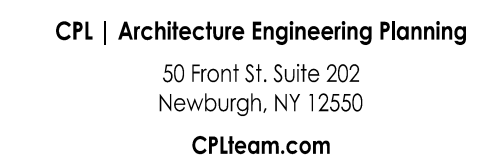
Checked By

BKM

Drawing Number

PMS

H101A



Project Number
15131.07
Client Name

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

66-08-09-03-0-001-017

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Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	
UPPER LEVEL HVAC DEMOLITION	

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H101B



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1
H101B

UPPER LEVEL HVAC DEMOLITION PLAN-AREA B

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



Project Number
15131.07
Client Name

Project Name:

PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

44-08-09-23-0-001-017

No.	Date	Description
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NEW YORK STATE EDUCATION STATEMENT

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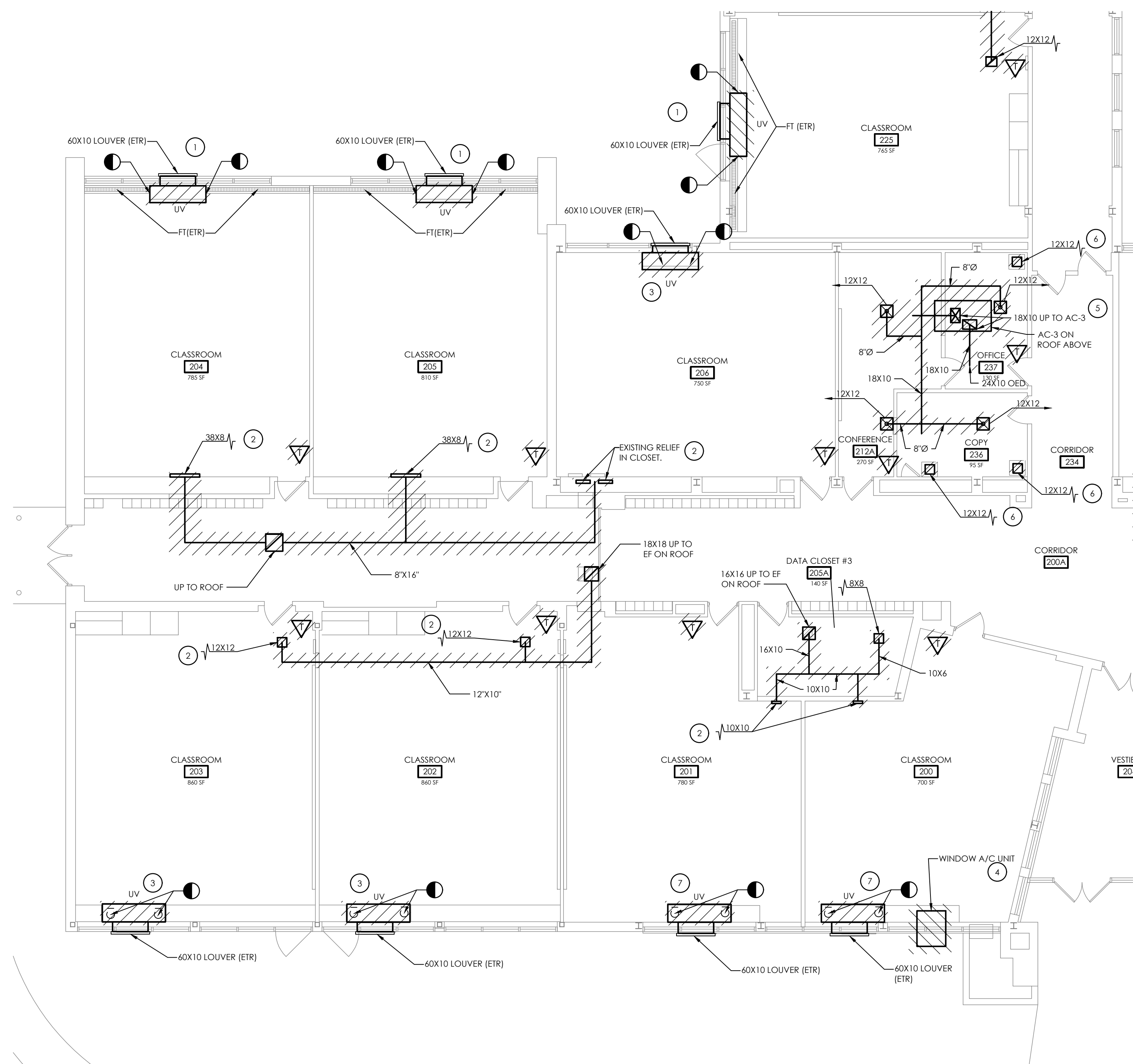
Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	
UPPER LEVEL HVAC DEMOLITION PLAN - AREA C	

Drawing Number
PMS

H101C

1. VERIFY ALL PIPE AND DUCT SIZES AND LOCATION PRIOR TO DEMOLITION.
2. REUSE EXISTING DUCT AND PIPE PENETRATIONS WHERE POSSIBLE. MC TO PATCH ALL WALL AND FLOOR PENETRATIONS OF UN-RATED ASSEMBLIES. COORDINATE ALL PATCHING OF RATED ASSEMBLIES WITH GC.

- 1 REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. EXISTING FIN TUBE TO REMAIN. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
- 2 REMOVE EXISTING EXHAUST GRILLES AND EXHAUST DUCTWORK IN ITS ENTIRETY UP TO EXHAUST FAN ON ROOF. COORDINATE WALL AND ROOF PATCHING WITH G.C. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- 3 REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE ABANDONED IN PLACE.
- 4 REMOVE EXISTING WINDOW A/C UNIT IN ITS ENTIRETY. TURN OVER TO OWNER.
- 5 REMOVE EXISTING GRILLE AND DUCTWORK IN ITS ENTIRETY INCLUDING ROOFTOP UNIT ON ROOF ABOVE. REMOVE EXISTING CONTROLS AND TEMPERATURE SENSORS.
- 6 REMOVE EXISTING GRILLE.
- 7 REMOVE EXISTING UNIT VENTILATOR IN ITS ENTIRETY INCLUDING CONTROLS. DISCONNECT SUPPLY AND RETURN PIPING FROM UNIT VENTILATOR AND PREPARE FOR NEW WORK. EXISTING LOUVER TO REMAIN AND BE REUSED. PREPARE FOR NEW WORK.



1
H1019

UPPER LEVEL HVAC DEMOLITION PLAN-AREA C

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





Project Number
15131.07
Client Name

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
66-08-09-03-0-001-017

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Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	

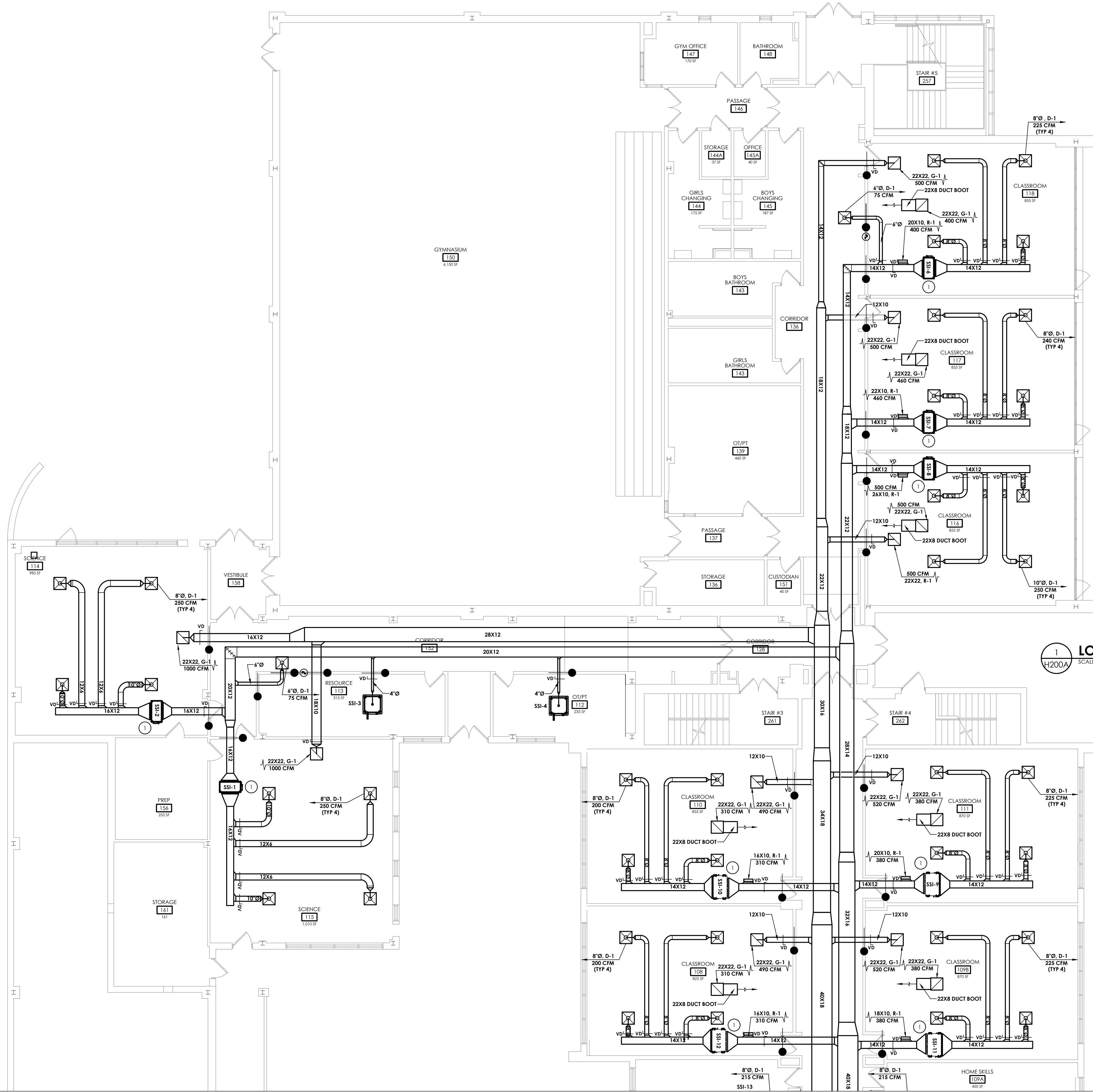
MECHANICAL ROOM
DEMOLITION PLAN

Drawing Number

PMS
H102

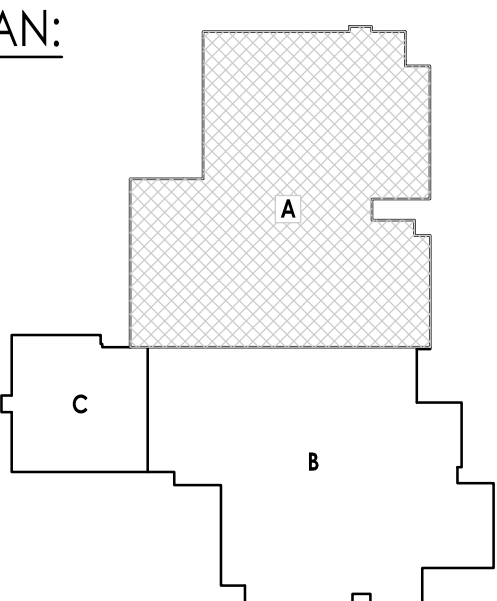


- 1 REMOVE EXISTING ROOFTOP UNIT IN ITS ENTIRETY INCLUDING CURB, CONTROLS, PIPING AND ALL DUCTWORK. COORDINATE ROOF PATCHING WITH G.C. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- 2 REMOVE EXISTING EXHAUST FAN IN ITS ENTIRETY INCLUDING CURB, CONTROLS, AND DUCTWORK. COORDINATE ROOF PATCHING WITH G.C. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- 3 REMOVE EXISTING ROOF MOUNTED OUTDOOR AIR INTAKE IN ITS ENTIRETY DOWN TO UNIT VENTILATORS. COORDINATE CURB REMOVAL WITH G.C.
- 4 DISCONNECT AND REMOVE EXISTING SPLIT SYSTEM OUTDOOR UNITS IN THEIR ENTIRETY INCLUDING ALL ROOF SUPPORTS, REFRIGERANT PIPING, PIPE PORTALS, ETC. COORDINATE ROOF PATCHING WITH G.C. MAINTAIN ALL EXISTING ROOF WARRANTIES.
- 5 DISCONNECT AND REMOVE EXISTING SPLIT SYSTEM OUTDOOR UNITS IN THEIR ENTIRETY INCLUDING ALL ROOF SUPPORTS, REFRIGERANT PIPING. COORDINATE PIPE PORTAL REMOVAL WITH G.C.
- 6 REMOVE EXISTING ROOFTOP UNIT IN ITS ENTIRETY INCLUDING CONTROLS, PIPING AND ALL DUCTWORK. COORDINATE CURB REMOVAL WITH G.C.
- 7 REMOVE EXISTING EXHAUST FAN IN ITS ENTIRETY INCLUDING CONTROLS, AND DUCTWORK. COORDINATE CURB REMOVAL WITH G.C.



1 H200A LOWER LEVEL MECHANICAL NEW WORK PLAN - AREA A
SCALE: 1/8" = 1'-0"

KEY PLAN:



- KEY NOTES:**
- 1 PROVIDE NEW VRF INDOOR FAN COIL UNITS AND MOUNT TO EXISTING STRUCTURE WITH VIBRATION ISOLATORS. MAINTAIN MANUFACTURER'S SERVICE CLEARANCES ON ALL SIDES.



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLeam.com

PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

68-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, the undersigned, being a duly licensed professional engineer in the State of New York, do hereby certify that the foregoing is a true and correct copy of the original as submitted to me for review and approval, and that the same conforms to the requirements of the State of New York Education Law and the Regulations of the State Education Department.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN

Project Status
BID SUBMISSION

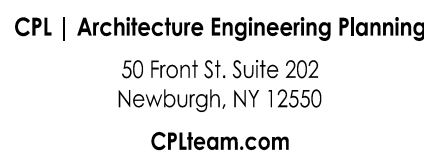
Drawn By
BKM
Checked By
BKM

Drawing Title
PLEASANTVILLE MIDDLE SCHOOL
LOWER LEVEL MECHANICAL
NEW WORK PLAN- AREA A

Drawing Number
**PMS
H200A**



- ① PROVIDE NEW VRF INDOOR FAN COIL UNITS AND MOUNT TO EXISTING STRUCTURE WITH VIBRATION ISOLATORS. MAINTAIN MANUFACTURER'S SERVICE CLEARANCES ON ALL SIDES.
- ② INSTALL NEW UNIT VENTILATOR ON EXISTING PEDESTAL. RECONNECT UNIT VENTILATOR TO EXISTING LOUVER.
- ③ PROVIDE FIRE DAMPER AT FLOOR PENETRATION. COORDINATE ACCESS DOOR LOCATION IN CHASE CONSTRUCTION WITH G.C.



Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

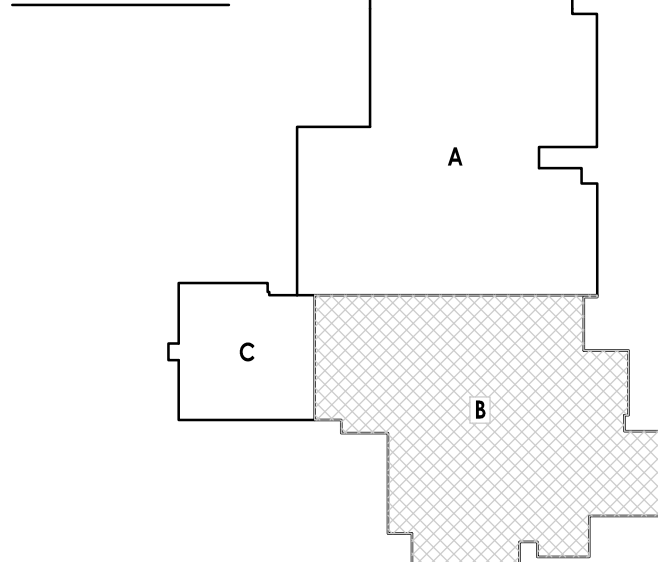
PLEASANTVILLE UFSD
☐ 66-08-09-03-0-001-017

No	Date	Description
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NEW YORK STATE EDUCATION STATEMENT

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Drawing Number
PMS
H200B



Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PM5 HVAC\Design\06 CAD\ACAD\MECH\HP\H200-H202.dwg



Project Number
15131.07
Client Name

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

66-08-09-03-0001-017

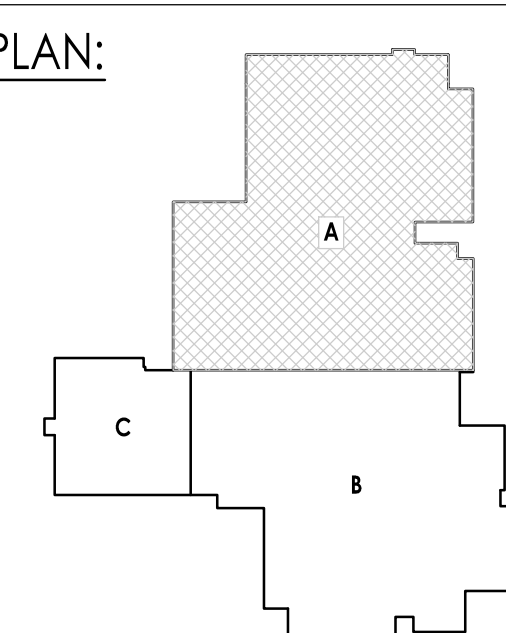
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SHEET INFORMATION	
Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	
PLEASANTVILLE MIDDLE SCHOOL UPPER LEVEL MECHANICAL ROOM WORK PLAN - AREA A	

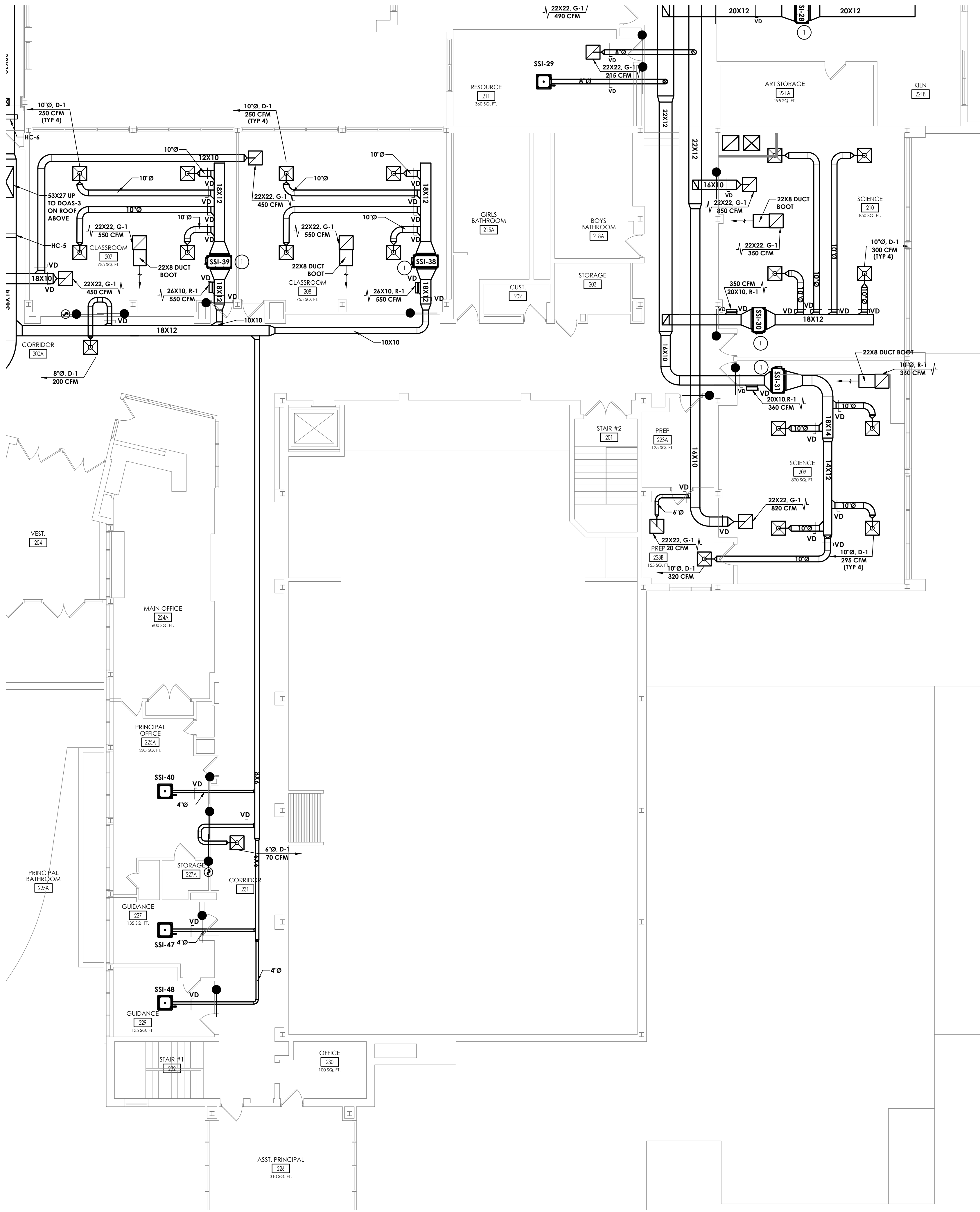
PMS
H201A



KEY PLAN:



Sheet Size: 24x36
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Plotted By: Brendon Mazza
Date last plotted: 10/20/2022 3:01 PM
Date last accessed: 10/20/2022 2:13 PM



KEY NOTES:

- 1 PROVIDE NEW VRF INDOOR FAN COIL UNITS AND MOUNT TO EXISTING STRUCTURE WITH VIBRATION ISOLATORS. MAINTAIN MANUFACTURER'S SERVICE CLEARANCES ON ALL SIDES.



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50 Front St. Suite 202
Newburgh, NY 12550
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PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD
Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
88-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

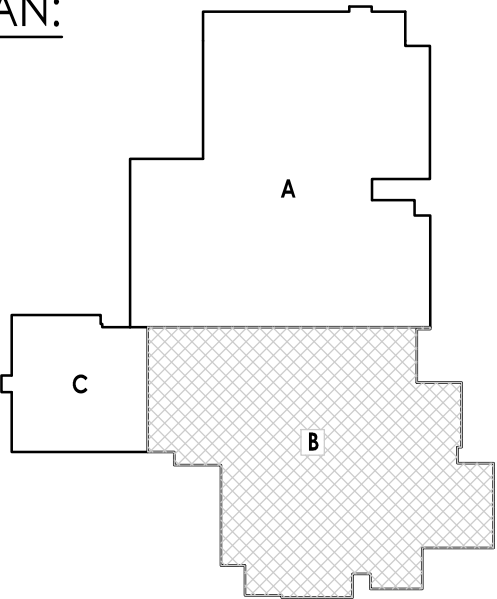
NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed professional engineer and the undersigned's registration is in good standing, hereby certify that the design and construction of the project shown on this drawing is the work of the undersigned or under the direct supervision of the undersigned, and that the undersigned is a duly licensed professional engineer and the undersigned's registration is in good standing.

SHEET INFORMATION

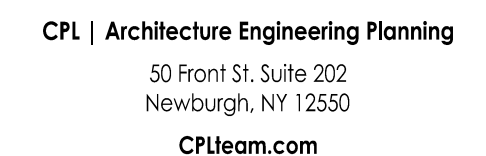
Issued
10/21/22
Scale
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
BKM
Checked By
BKM
Drawing Title
PLEASANTVILLE MIDDLE SCHOOL
UPPER LEVEL DUCTWORK NEW
WORK PLAN-AREA B

Drawing Number
**PMS
H201B**

KEY PLAN:



1
H201B
UPPER LEVEL DUCTWORK NEW WORK PLAN-AREA B
SCALE: 1/8" = 1'-0"



Project Number
15131.07
Client Name

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
66-08-09-03-0-001-017

PROJECT/ISSUE & REVISION SCHEDULE		
No.	Date	Description

SHEET INFORMATION	
Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	
PLEASANTVILLE MIDDLE SCHOOL UPPER LEVEL MECHANICAL NEW WORK PLAN	

Drawing Number
PMS

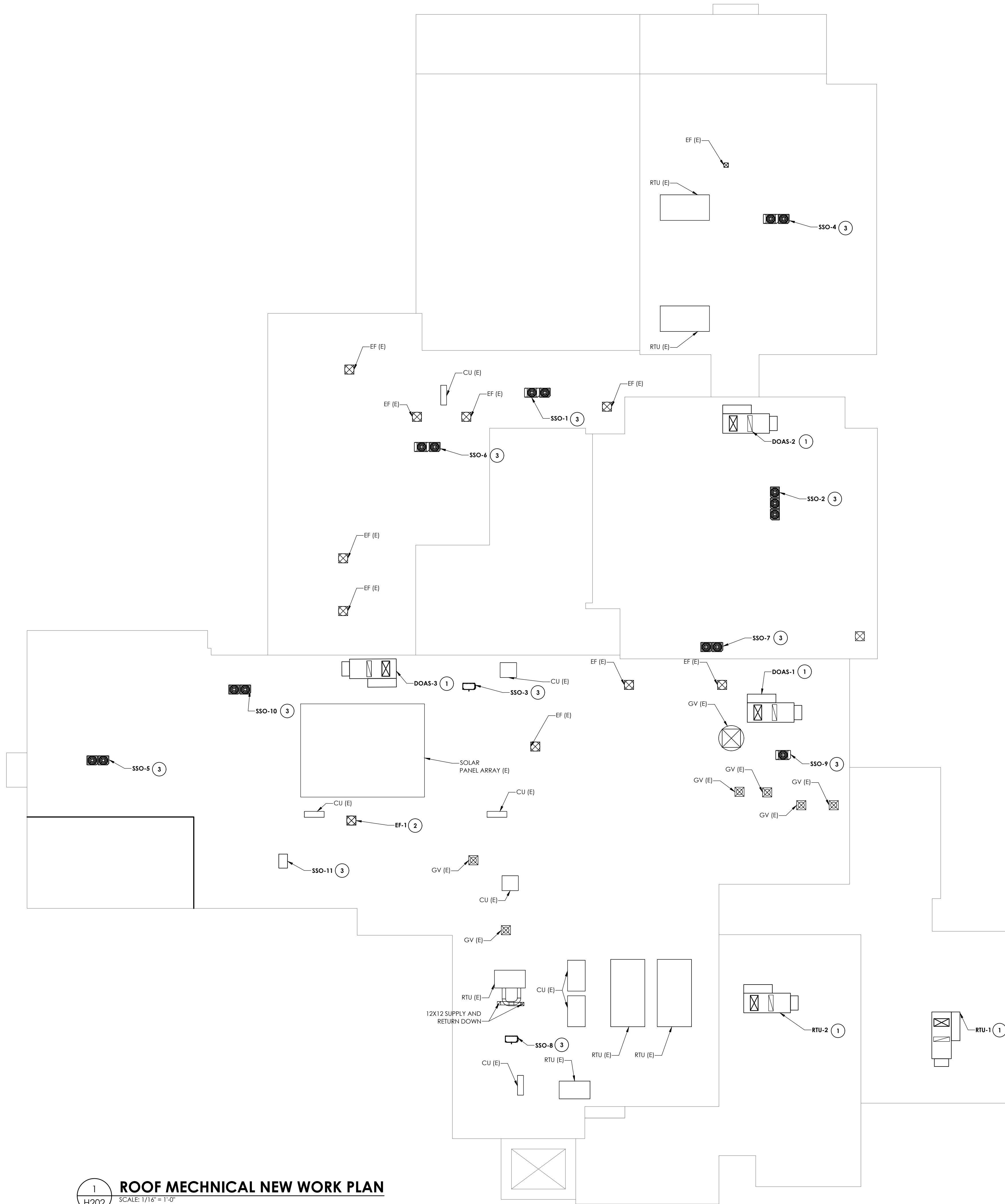
H201C



PLAN:

The floor plan shows a building with three rooms. Room A is a large rectangular room at the top. Room B is a large rectangular room at the bottom. Room C is a smaller rectangular room on the left, shaded with a cross-hatch pattern. The rooms are connected by a central corridor.





1 ROOF MECHNICAL NEW WORK PLAN
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

1. PROVIDE ROOF CURBS, RAILS, ETC. FOR ALL NEW HVAC EQUIPMENT. PROVIDE ALL ROOF PENETRATIONS. COORDINATE ROOFING WORK AND STRUCTURAL REINFORCEMENT WITH G.C.
2. PROVIDE PIPE PORTALS AT REFRIGERANT PIPING ROOF PENETRATION LOCATIONS.

KEY NOTES:

- 1 MECHANICAL CONTRATOR TO PROVIDE NEW ROOFTOP UNIT WITH CURB AND MARK OUT LOCATION OF NEW CURB. COORDINATE NEW CURB INSTALLATION WITH G.C.
- 2 MECHANICAL CONTRACTOR TO PROVIDE NEW EXHAUST FAN WITH CURB AND MARK OUT LOCATION OF NEW CURB. COORDINATE NEW CURB INSTALLATION WITH G.C.
- 3 MECHANICAL CONTRACTOR TO PROVIDE NEW SSO HEAT PUMP WITH SUPPORT RAILS AND MARK OUT LOCATION OF NEW RAILS. COORDINATE INSTALLATION OF RAILS WITH G.C.

PROJECT INFORMATION

Project Number
15131.07
Client Name
PLEASANTVILLE UFSD

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
65-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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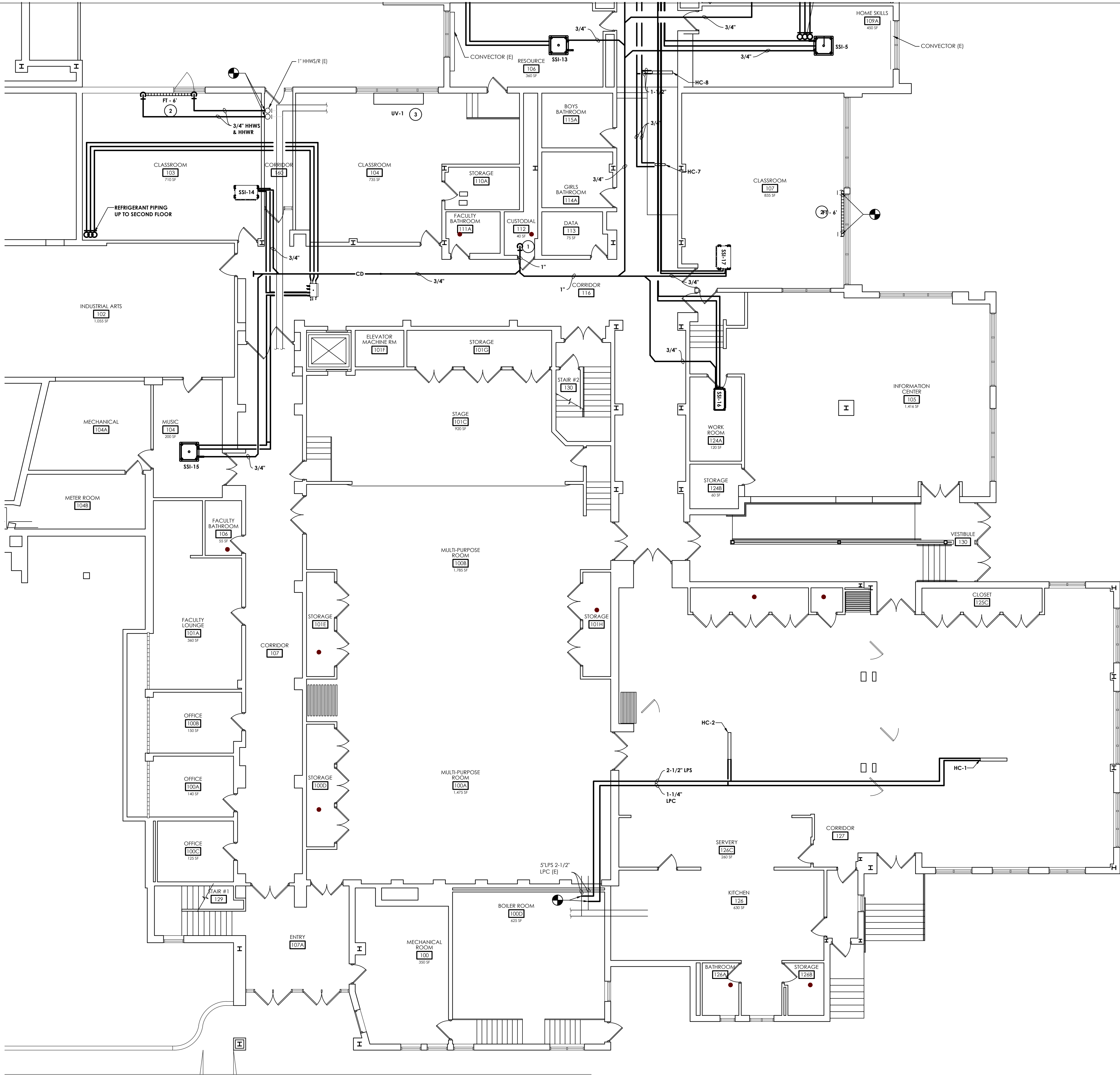
PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATISTICAL
FOR A VALIDATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S
REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED
PROFESSIONAL ENGINEER OR ARCHITECT, THE SIGNATURE OF ANY ARCHITECT
BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS A FRAUD. THE ALTER
PART SHALL APPLY TO THE SIGNATURE AND THE SIGNATURE AND THE SIGNATURE AND THE SIGNATURE
ALTERATION.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
BKM
Checked By
BKM
Drawing Title
ROOF MECHANICAL NEW WORK PLAN

Drawing Number
PMS
H202



1
H300B

LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA B

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

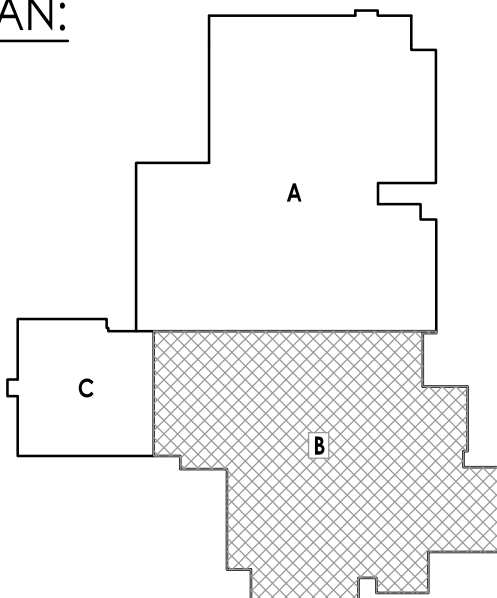
GENERAL NOTES:

1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

KEY NOTES:

1. ROUTE NEW CONDENSATE DRAIN LINE TO MOP SINK IN CUSTODIAL CLOSET.
2. INSTALL NEW FIN TUBE. CONNECT TO EXISTING HOT WATER PIPING AT FLOOR OF REMOVED UNIT.
3. RECONNECT NEW UNIT VENTILATOR TO EXISTING HHWS AND HHWR PIPING OF REMOVED UNIT VENTILATOR FROM BELOW.

KEY PLAN:



PROJECT INFORMATION

Project Number

15131.07

Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

District Office Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

44-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, the undersigned, being a duly licensed Professional Engineer in the State of New York, do hereby certify that the above is a true and correct copy of the original as submitted to me for review and approval, and that I am not aware of any other person or persons who have been or are to be employed by me in the preparation of the above, and that I am not aware of any other person or persons who have been or are to be employed by me in the preparation of the above, and that I am not aware of any other person or persons who have been or are to be employed by me in the preparation of the above.

SHEET INFORMATION

Issued

10/21/22

Project Status

BID SUBMISSION

Drawn By

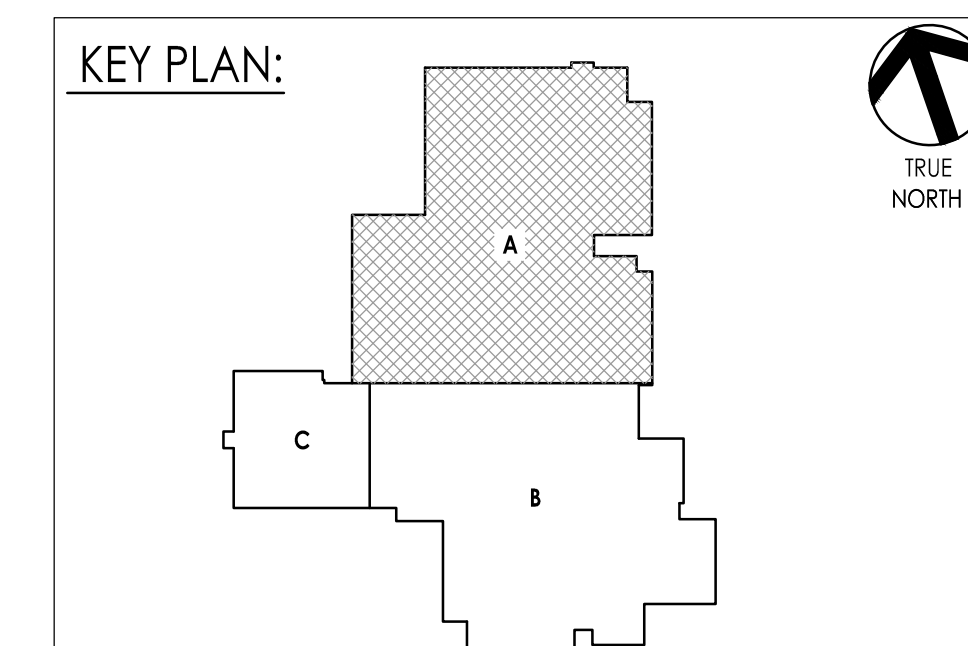
BKM

Drawing Title

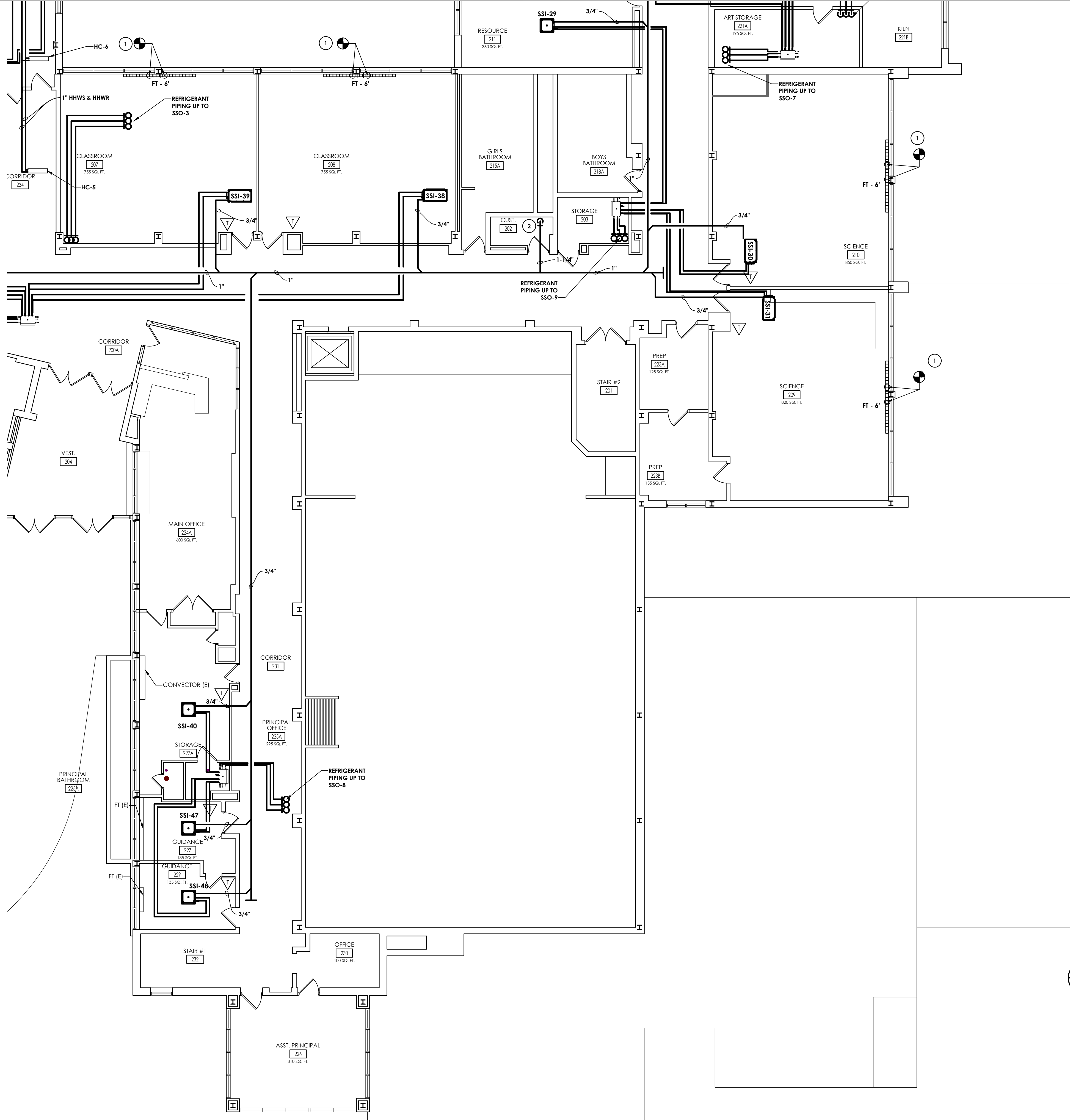
LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN AREA B

Drawing Number

PMS
H300B



Sheet Size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMs HVAC\0 Design\06 CAD\ACAD\MECH\18\H303-305.dwg
Date last accessed: 10/20/2022 2:13 PM
Date last plotted: 10/20/2022 3:07 PM
Plotted By: Brendon Mazza



GENERAL NOTES:

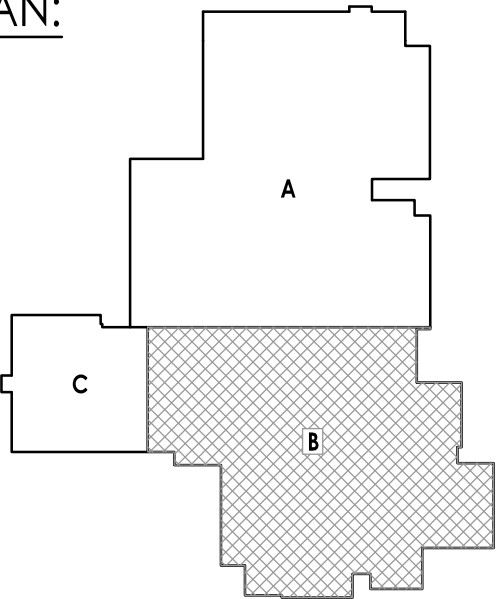
1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

KEY NOTES:

1. INSTALL NEW FIN TUBE. CONNECT TO EXISTING HOT WATER PIPING AT FLOOR OF REMOVED UNIT.
2. ROUTE NEW CONDENSATE DRAIN LINE TO MOP SINK IN CUSTODIAL CLOSET.

1
H301B
UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA B
SCALE: 1/8" = 1'-0"

KEY PLAN:



CPL | Architecture Engineering Planning
50 Front St. Suite 202
Newburgh, NY 12550
CPLteam.com

PROJECT INFORMATION

Project Number
15131.07
Client Name
PLEASANTVILLE UFSD
Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

66-28-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

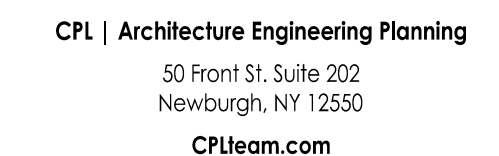
PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
I, the undersigned, being a duly licensed professional engineer and the undersigned hereby certifies that the design and construction of the above described project has been completed by me or under my direct supervision and that I am a duly licensed professional engineer in the State of New York.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN
Project Status
BID SUBMISSION
Drawn By
BKM
Checked By
BKM
Drawing Title
UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA B

Drawing Number
**PMS
H301B**



Project Number
15131.07
Client Name

Project Name: **PMS HVAC REPLACEMENT**

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

[illegible]

No.	Date	Description
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SHEET INFORMATION	
Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	
UPPER LEVEL MECHANICAL PIPING PLAN-AREA C	

Drawing Number
PMS

H301C



- ① SSO-5 UTP-RU04BH CHANGE OVER BOX. SEE H800 DRAWINGS FOR WIRING DETAILS.
- ② UV-2 BOX EKEVY125-US AND Z-CONTROL BOX EKEQMCBVA3-US LOCATION. SEE PIPING DIAGRAM ON H800 DRAWINGS.
- ③ UV-3 BOX EKEVY125-US AND Z-CONTROL BOX EKEQMCBVA3-US LOCATION. SEE PIPING DIAGRAM ON H800 DRAWINGS.
- ④ EXTEND LPS AND LPC PIPING TO EXISTING FIN TUBE RADIATORS. PROVIDE NEW STERLING JVB-ARS ENCLOSURE WALL TO WALL.
- ⑤ INSTALL NEW FIN TUBE. CONNECT TO EXISTING HOT WATER PIPING AT FLOOR OF REMOVED UNIT.
- ⑥ INSTALL NEW UNIT VENTILATOR AND FIN TUBE RADIATORS. CONNECT TO EXISTING LPS AND LPC AT FLOOR.

PLAN:

The plan shows three distinct areas labeled A, B, and C. Area A is at the top, Area B is at the bottom right, and Area C is at the bottom left. Area C is shaded with a cross-hatch pattern. The areas are separated by a boundary line.





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40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD		
No.	Date	Description
1	8/10/2022	SED ADDENDUM 1

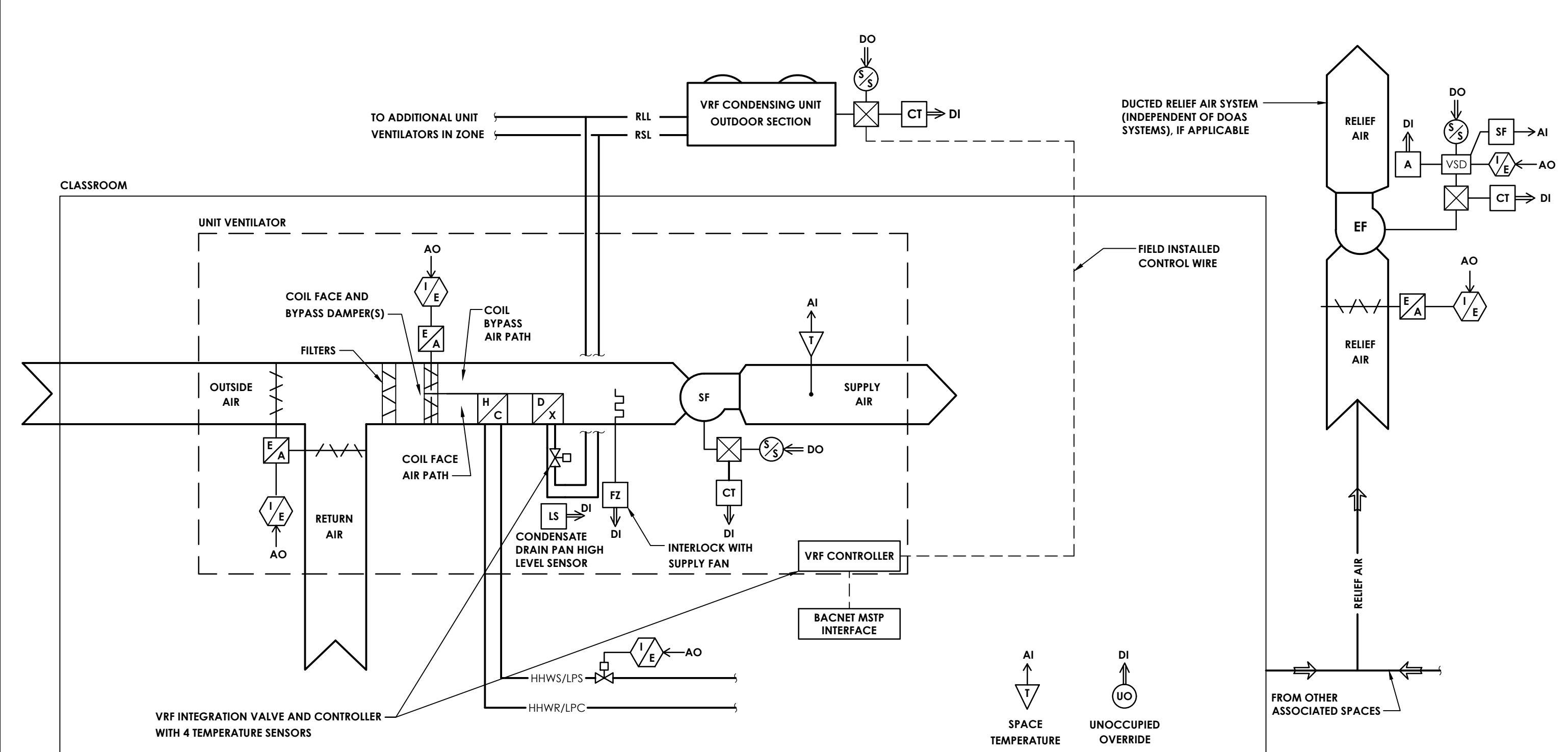
PROJECT ISSUE & REVISION SCHEDULE		
No.	Date	Description
1	8/10/2022	SED ADDENDUM 1

PROFESSIONAL STAMPS

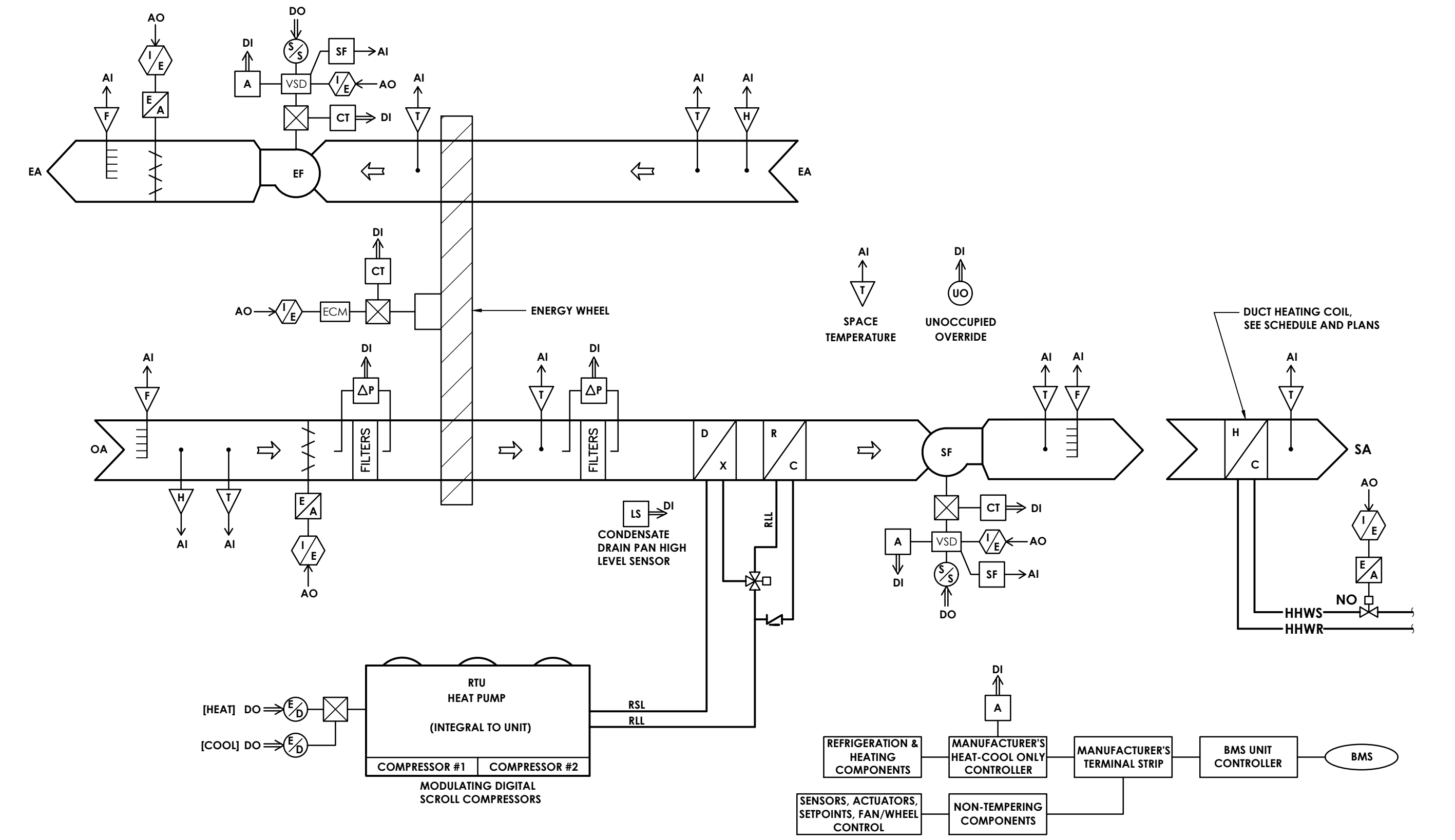
NEW YORK STATE EDUCATION STATUTE
IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMPENSATION
REGULATIONS FOR ANY PERSON, INCLUDING ANY PERSON, TO SIGN OR TO BE THE SIGNATURE OF A PERSON
ASSIGNED TO SIGN OR TO BE THE SIGNATURE OF A PERSON, TO SIGN OR TO BE THE SIGNATURE OF A PERSON,
BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR, OR TO BE THE SIGNATURE OF A PERSON,
PARTIAL APPLICABLE TO THE NEW YORK STATE AND THE EDUCATION, AS SET FORTH BY THE
LEGISLATION.

SHEET INFORMATION
Issued
10/21/22
Project Status
BID SUBMISSION
Drawn By
BKM
Drawing Title
MECHANICAL CONTROLS
DIAGRAMS
Scale
AS SHOWN
Checked By
DRH

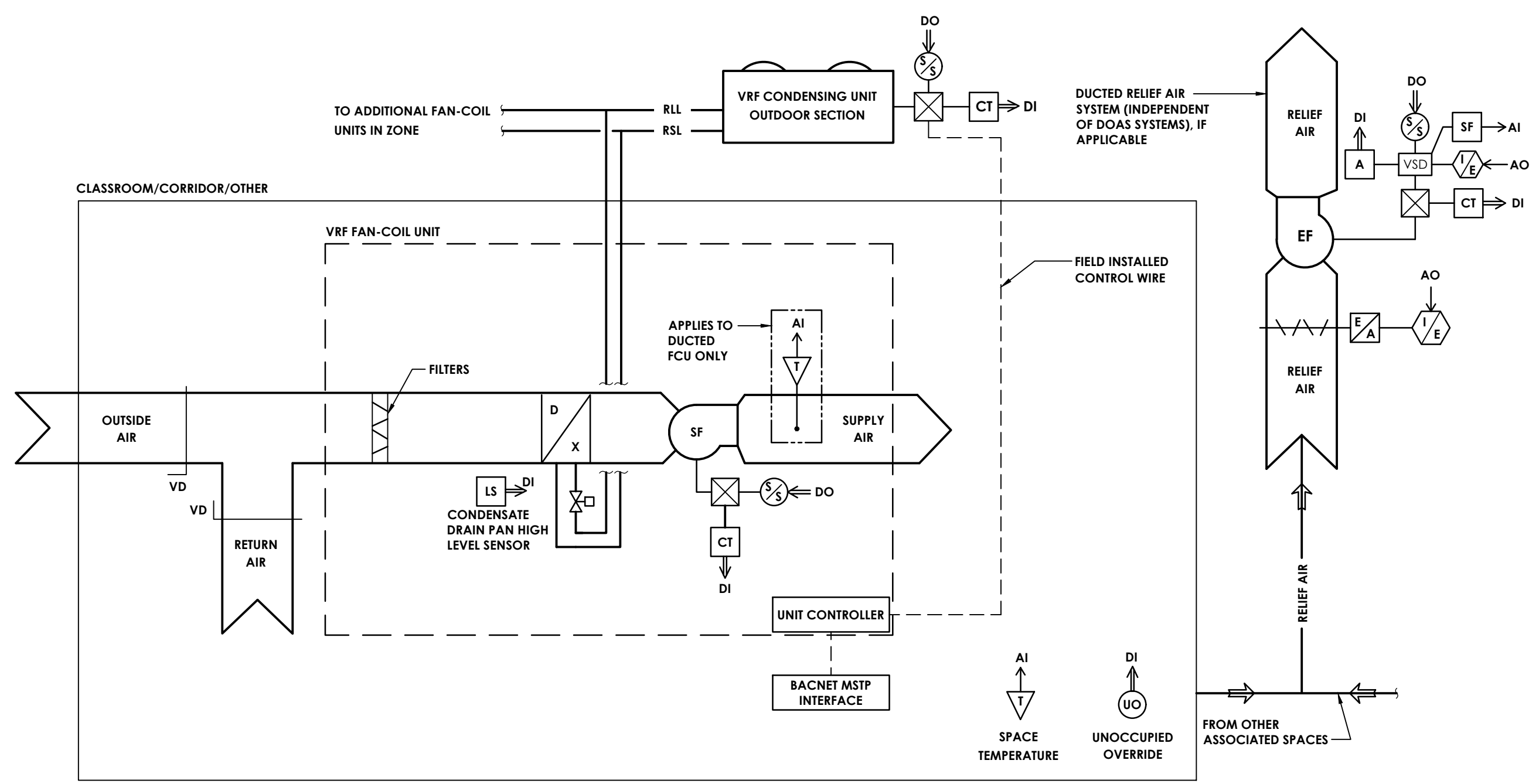
Drawing Number
**PMS
H500**



8 UNIT VENTILATOR WITH STEAM/HYDRONIC HEAT CONTROLS SCHEMATIC
H501 NOT TO SCALE

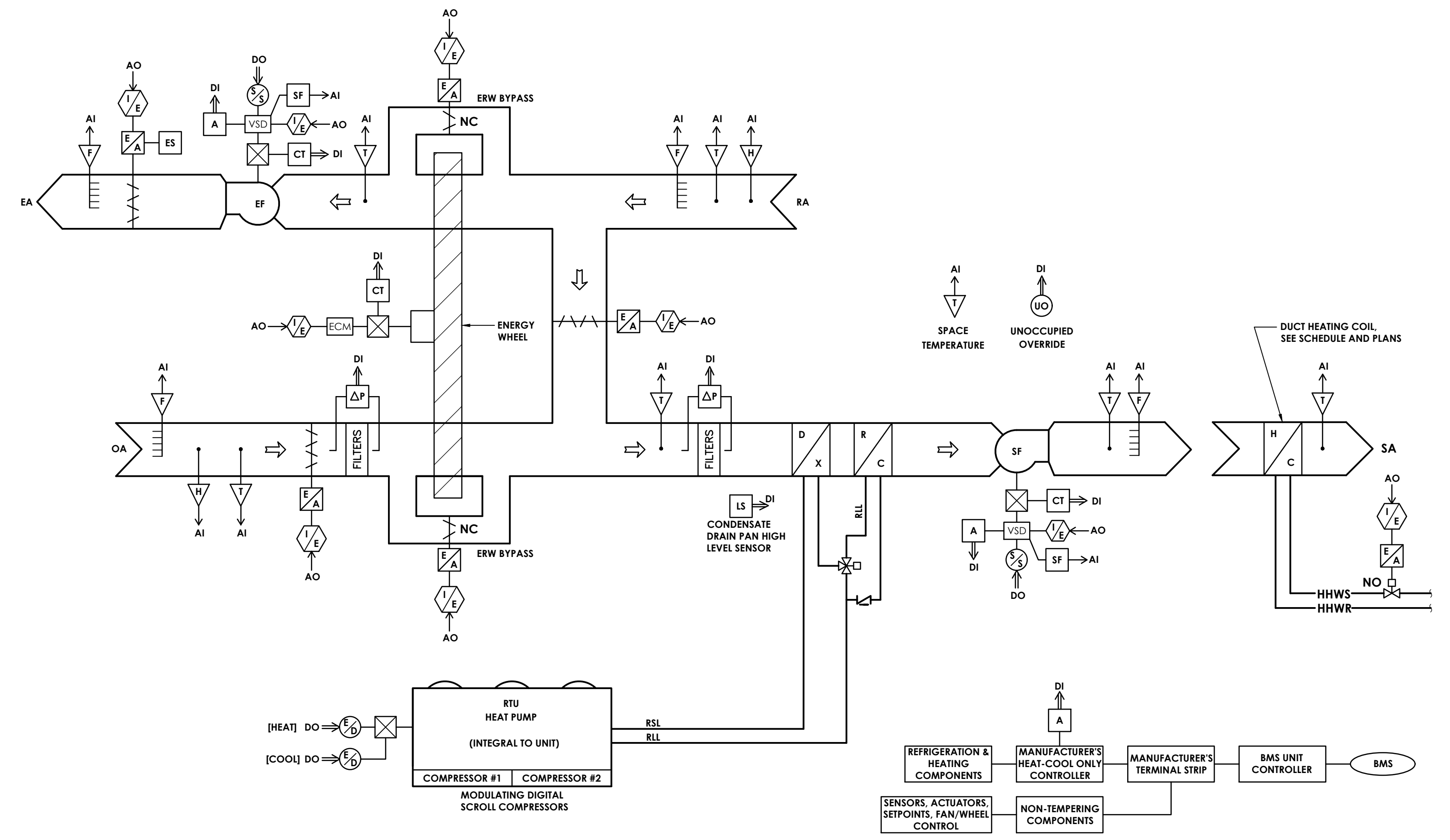


1 DOAS-1,2,3 CONTROLS SCHEMATIC
H500 SCALE: NOT TO SCALE

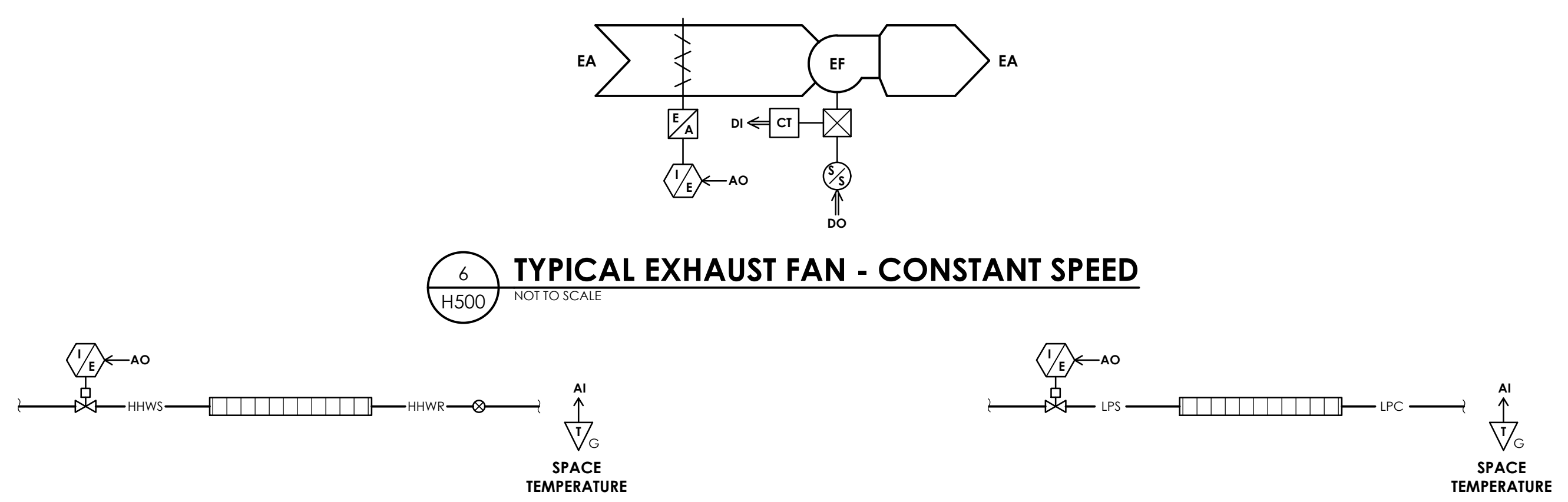


SCHEMATIC GRAPHICALLY REPRESENTS A DUCTED FAN-COIL UNIT INSTALLATION. THE CONTROLS REQUIREMENTS ALSO APPLY TO CEILING CASSETTE UNITS.

8 DUCTED VRF FAN-COIL UNIT (AND CEILING CASSETTE) CONTROLS SCHEMATIC
H501 NOT TO SCALE



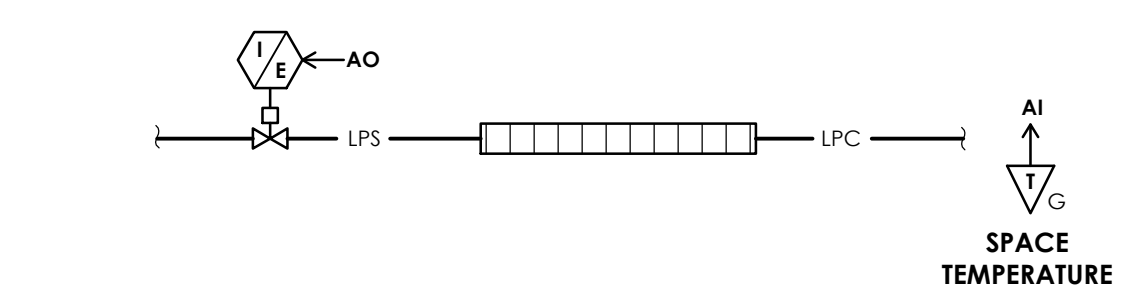
2 RTU-1,2 CAFETERIA CONTROLS DIAGRAM
H500 NOT TO SCALE



6 TYPICAL EXHAUST FAN - CONSTANT SPEED
H500 NOT TO SCALE



4 FIN TUBE CONTROLS SCHEMATIC - HOT WATER
H500 NOT TO SCALE



5 FIN TUBE CONTROLS SCHEMATIC - STEAM
H501 SCALE: NOT TO SCALE

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Date last accessed: 10/20/2022 1:26 PM
Plotted By: Brendan Mazza

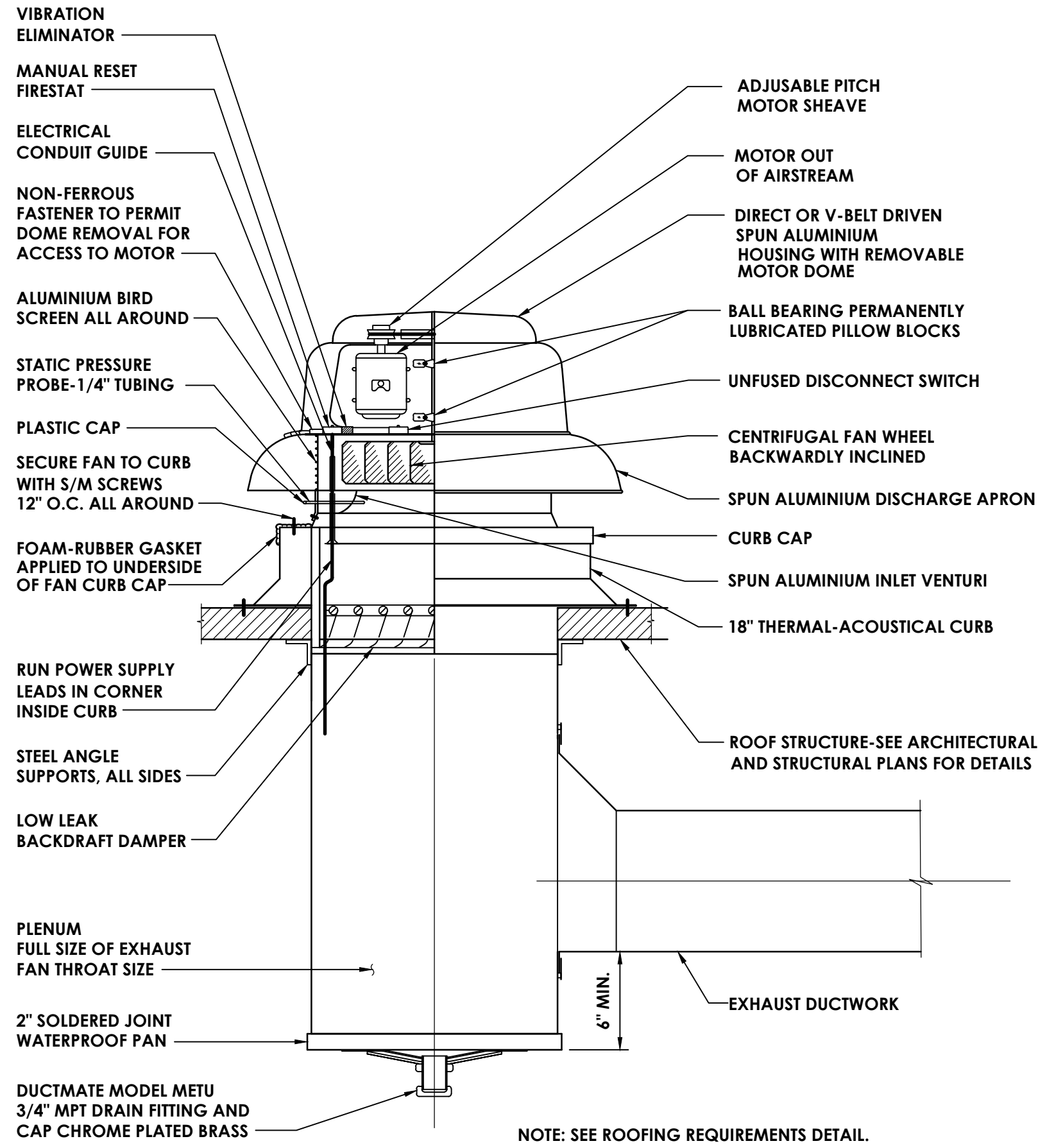


Plotted By: Brendon Mazza

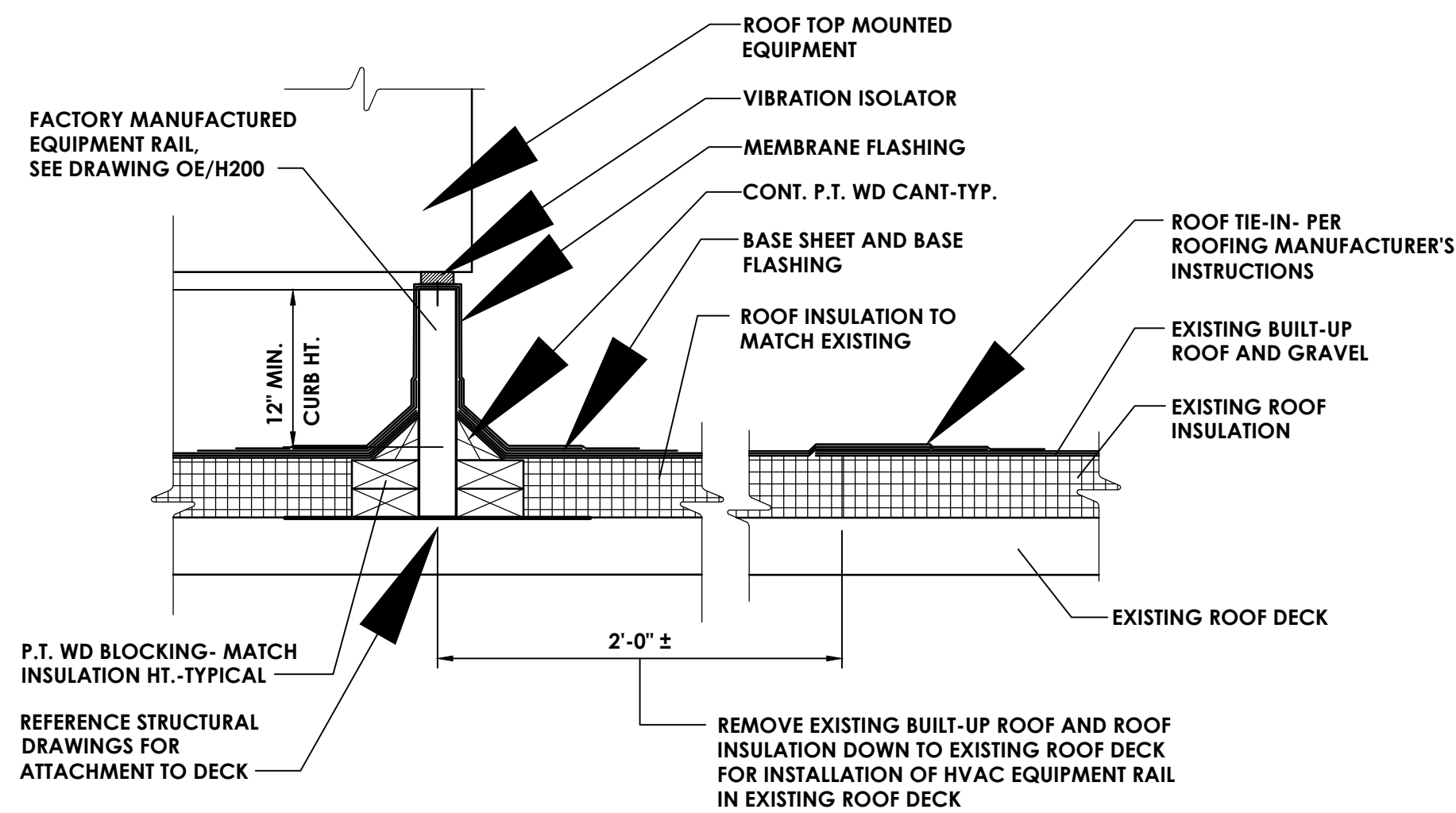
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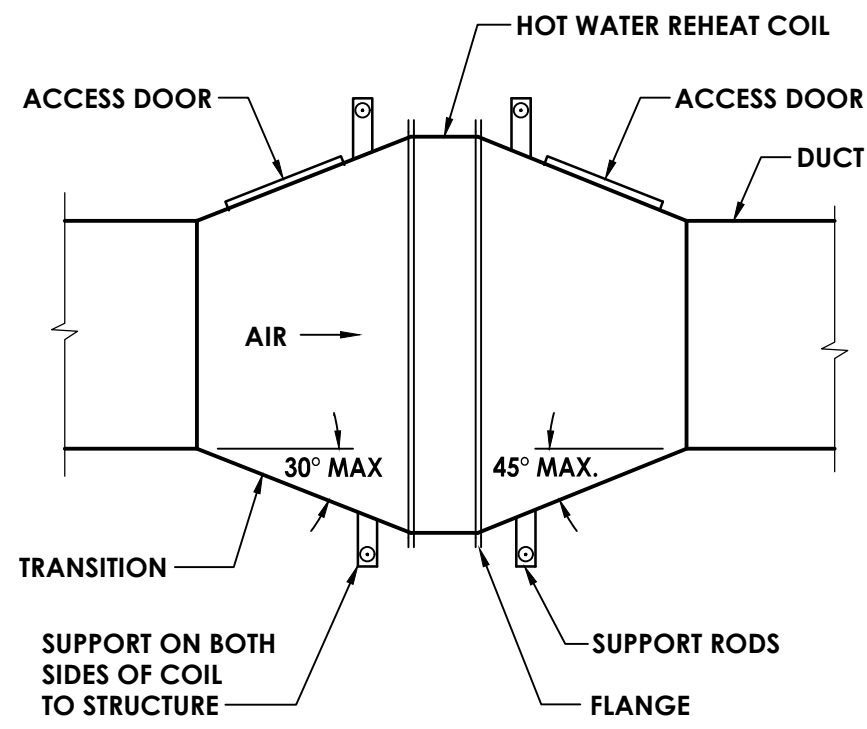
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1
H801
NOT TO SCALE
EXHAUST FAN DETAIL

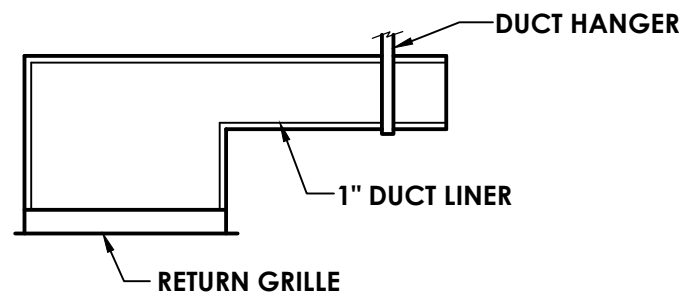
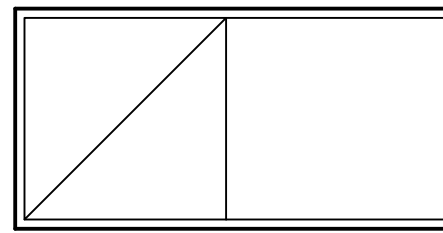


4
H801
SCALE: 1 1/2" = 1'-0"
EQUIPMENT RAIL DETAIL



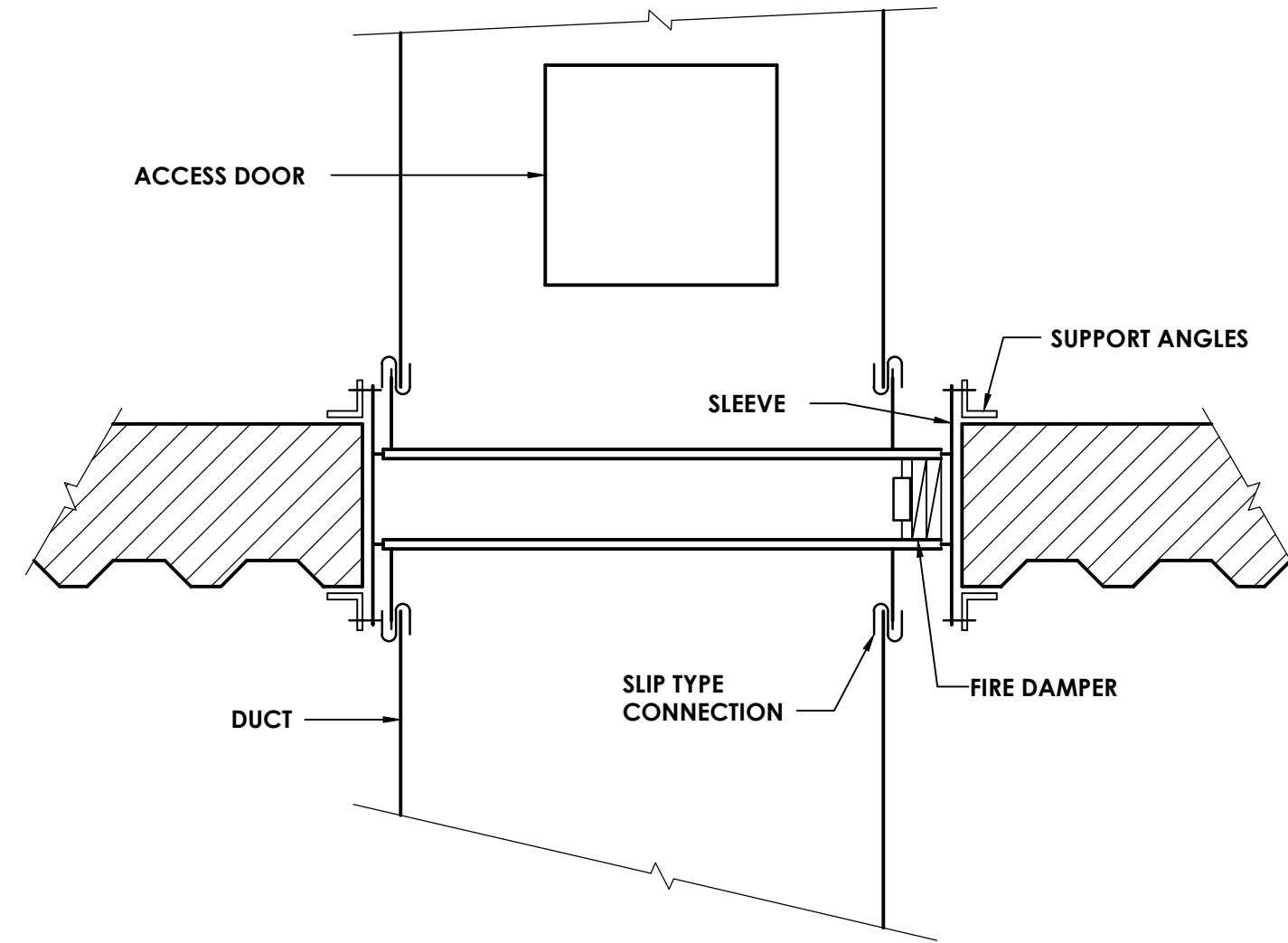
NOTE:
SUPPORT DUCTWORK INDEPENDENTLY OF THE COIL.

2
H801
NOT TO SCALE
REHEAT COIL DETAIL

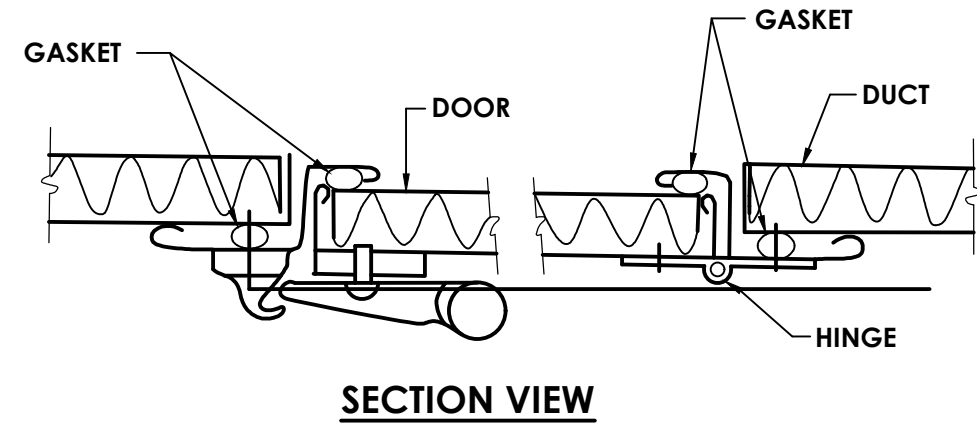
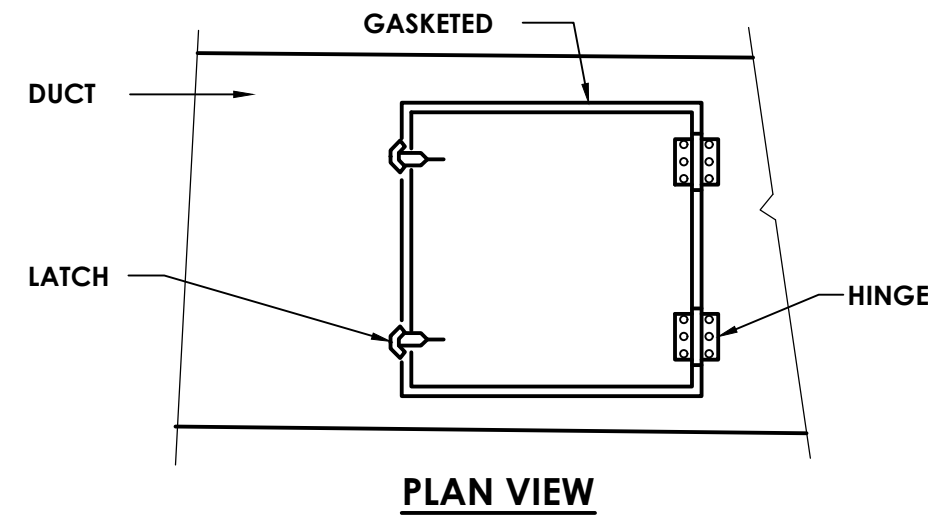


NOTE: COORDINATE HEIGHT OF DUCT BOOT TO AVOID INTERFERENCE WITH LIGHTS AND JOISTS.

5
H801
NOT TO SCALE
DUCT BOOT DETAIL



3
H801
NOT TO SCALE
HORIZONTAL FIRE DAMPER DETAIL



6
H801
NOT TO SCALE
ACCESS DOOR DETAIL



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Newburgh, NY 12550
CPLearn.com

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PLEASANTVILLE UFSD

88-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, the undersigned, being a duly licensed professional engineer or architect, hereby certify that the above is a true and correct copy of the original design, specification, contract, or other document, and that the same has been prepared by me or under my direct supervision and control, and that I am a duly licensed professional engineer or architect in the State of New York.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN

Project Status

BID SUBMISSION

Drawn By

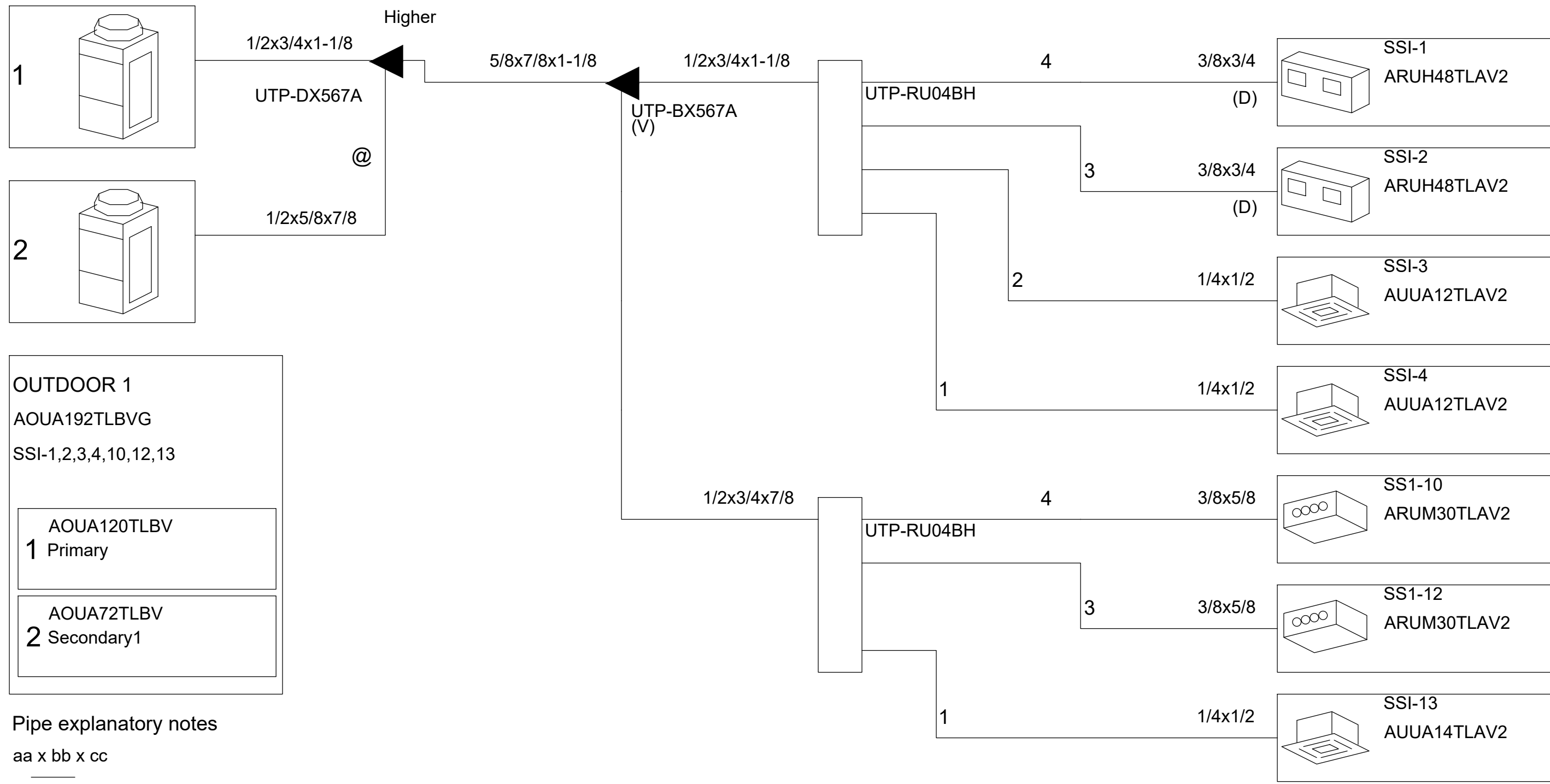
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Drawing Title

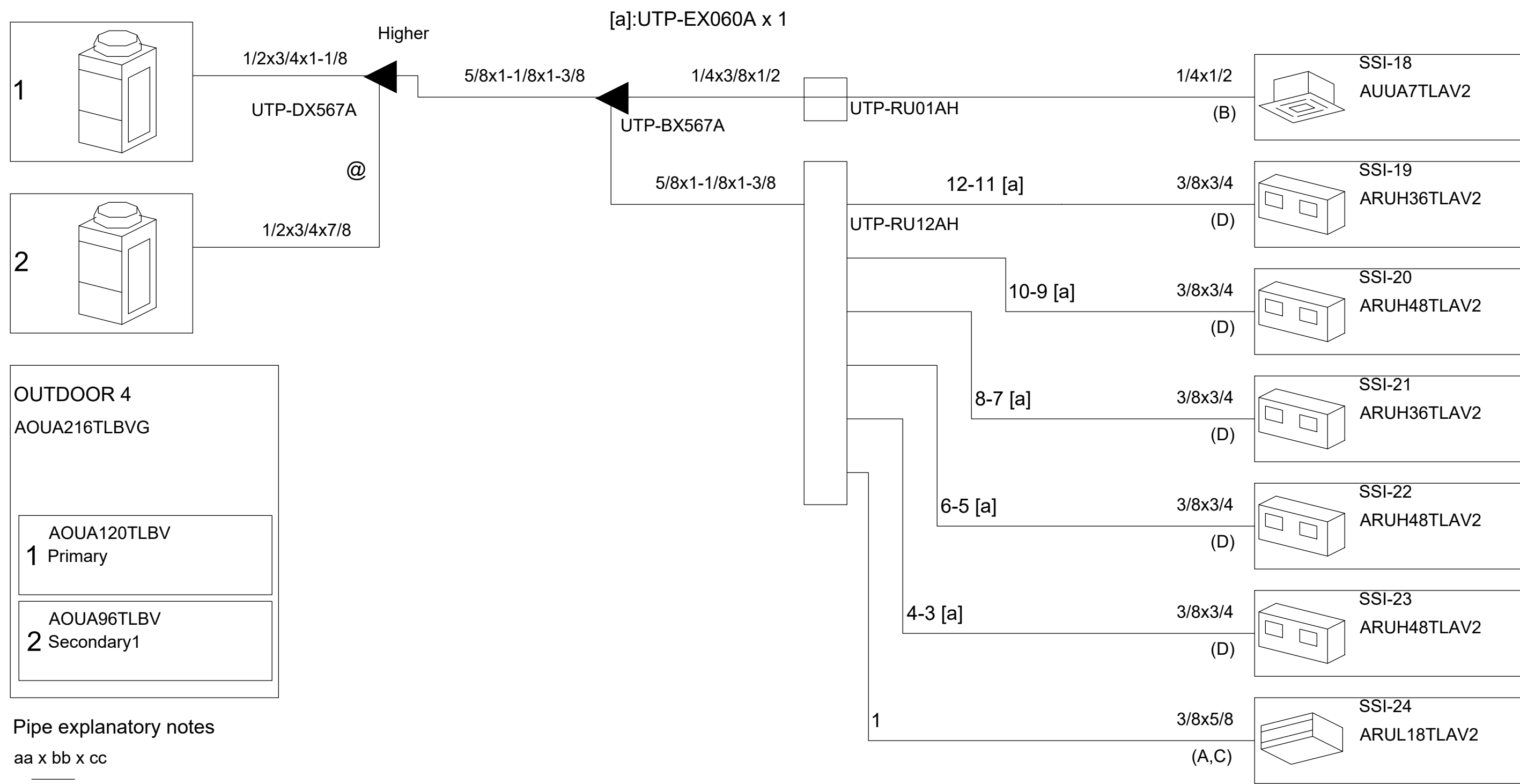
MECHANICAL DETAILS

Drawing Number

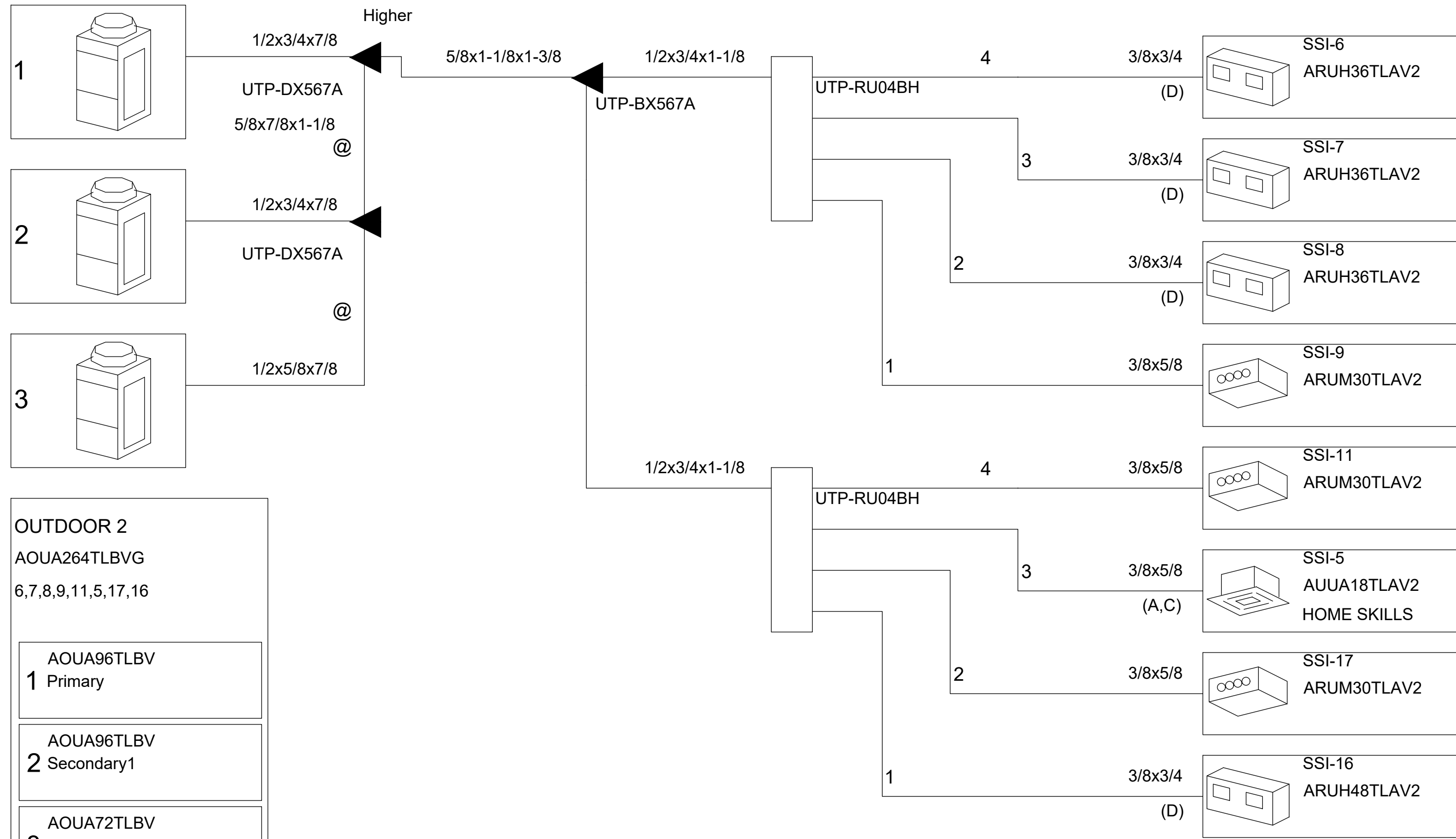
PMS
H801



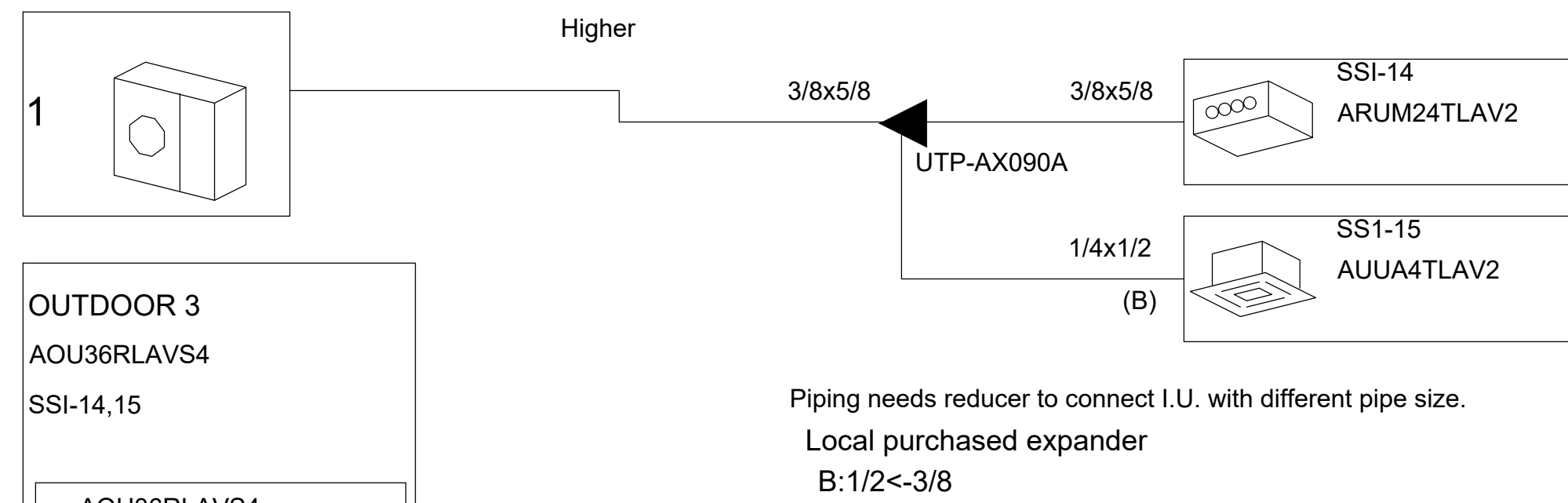
1
H802
SSO-1 PIPING DIAGRAM
NOT TO SCALE



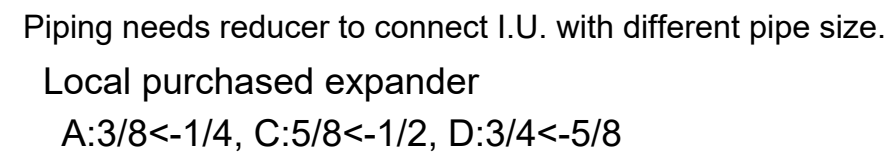
3
H802
SSO-4 PIPING DIAGRAM
NOT TO SCALE



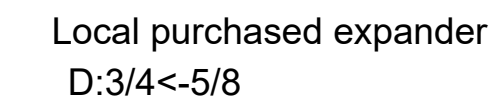
2
H802
SSO-2 PIPING DIAGRAM
NOT TO SCALE



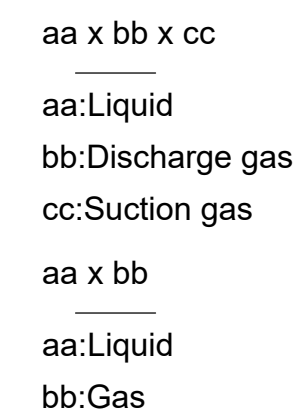
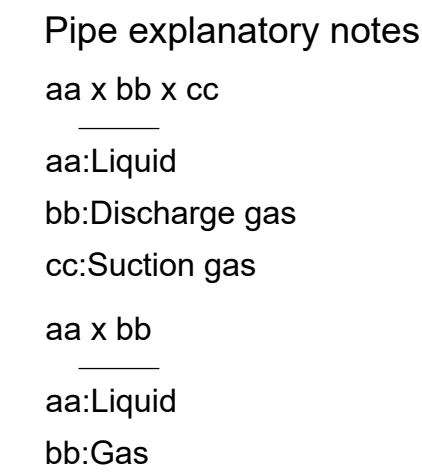
4
H802
SSO-3 PIPING DIAGRAM
NOT TO SCALE



aa x bb x cc
 aa:Liquid
 bb:Discharge gas
 cc:Suction gas
 aa x bb
 aa:Liquid
 bb:Gas



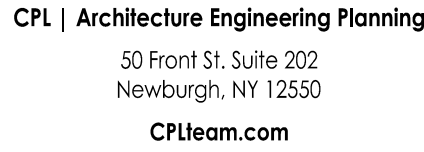
@ Specific installation rules may be applicable for piping multiple outdoor combinations.
(e.g. rise setting for gas pipe).Refer to outdoor unit installation manual for specifics.



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Date last accessed: 10/20/2022 2:13 PM
Date last plotted: 10/20/2022 3:12 PM
Plotted By: Brendon Mazza

ROOFTOP AIR CONDITIONING UNIT SCHEDULE																																	
MARK	LOCATION	NOM. TONS	SUPPLY FAN				EXHAUST FAN			ENERGY RECOVERY										HEATING COIL (HEAT PUMP)			COOLING CAPACITY (DX)						ELECTICAL		WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
			CFM	OA CFM	ESP (IN. W.C.)	BHP / HP	CFM	ESP (IN. W.C.)	BHP / HP	SUMMER					WINTER					CAPACITY (MBH)	EAT °F		TOTAL MBH	SENS MBH	EAT°F		LAT°F	AMB °F	VOLT/Ø	MCA			
										OAT DB/WB	SUPPLY DB/WB	RETURN DB/WB	EXAUST DB/WB	CAPACITY REDUCTION (BTU/H)	OAT DB/WB	SUPPLY DB/WB	RETURN DB/WB	EXAUST DB/WB	CAPACITY REDUCTION (BTU/H)		DB	DB			DB	WB							
DOAS-1	ROOF	30	7700	7700	1	9.35/10	7700	1	7.06/7.5	92/76.5	80.9/68.2	75/62.5	85.8/71.7	259,875	2/3	45.5/39	72/55.8	26.8/25.5	361,746	155.1	48.7	67.3	363.6	232.4	80.9	68.2	53.5	92	208/3	176.4	5305	VALENT VXE-212-58D-30A-J-A0	1,2,3,5
DOAS-2	ROOF	28	7000	7000	1	7.5/10	7000	1	5.03/7.5	92/76.5	80.5/67.9	75/62.5	86.2/72	245,700	2/3	47.1/40.2	72/55.8	25.2/24.2	340,956	143.3	50.1	69.7	332.4	212.8	80.5	67.9	52.9	92	208/3	173.2	5275	VALENT VXE-212-58D-25A-J-A0	1,2,3,5
DOAS-3	ROOF	28	6550	6550	1	6.52/7.5	6550	1	3.91/5	92/76.5	80.9/68.2	75/62.5	85.8/71.7	212,625	2/3	45.4/38.9	72/55.8	26.6/25.4	295,294	142.6	48.6	69.6	326.4	202.8	80.9	68.2	51.6	92	208/3	160.8	5191	VALENT VXE-212-52D-25A-J-A0	1,2,3,5
RTU-1	ROOF	10	3350	2000	1	2.1/3	2000	0.5	.75/2	92/76.5	78.9/66.4	75/62.5	87.9/73.3	80,100	0/-1.5	54.1/44.9	72/55.8	16.7/16.6	116,856	52.7	62.9	77.4	130.8	93.4	77.3	64.9	51.9	92	208/3	57.8	3319	VALENT VXE-112-36C-10A-0-A1	1,2,3,4,5
RTU-2	ROOF	10	3350	2000	1	2.1/3	2000	0.5	.75/2	92/76.5	78.9/66.4	75/62.5	87.9/73.3	80,100	0/-1.5	54.1/44.9	72/55.8	16.7/16.6	116,856	52.7	62.9	77.4	130.8	93.4	77.3	64.9	51.9	92	208/3	57.8	3319	VALENT VXE-112-36C-10A-0-A1	1,2,3,4,5
REMARKS:																																	
1. PROVIDE WITH FACTORY MOUNTED AND WIRED DISCONNECT SWITCH.																																	
2. PROVIDE WITH HOT GAS REHEAT.																																	
3. PROVIDE MERV 13 FILTERS.																																	
4. ECONOMIZER.																																	
5. PROVIDE WITH CONVENIENCE RECEPTACLES.																																	

VRF INDOOR UNITS															
MARK	ROOM SERVED	TYPE	AIRFLOW (H/M/L) CFM	OUTDOOR AIRFLOW CFM	ESP (INWG)	RATED HEATING CAPACITY BTU/HR	RATED COOLING CAPACITY MBH	DIMENSIONS (W" X H" X D")	WEIGHT (LBS)	POWER (Ø/V/Hz)	RATED (A)	MCA	TYPICAL UNIT MFG & MODEL NO.	REMARKS:	
SSI-1	SCIENCE 115	DUCTED FAN COIL	1040	1040	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-2	SCIENCE 114	DUCTED FAN COIL	1100	1100	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-3	RESOUCE 113	CEILING CASSETTE	280	35	-	13,500	12,000	9-5/8X22-7/16X22-7/16	33	208/1	0.2	0.51	FUJITSU AUUA12TLAV2	1,2,3,4	
SSI-4	OT/PT 112	CEILING CASSETTE	280	25	-	13,500	12,000	9-5/8X22-7/16X22-7/16	33	208/1	0.2	0.51	FUJITSU AUUA12TLAV2	1,2,3,4	
SSI-5	HOME SKILLS 109A	CEILING CASSETTE	550	250	-	20,000	18,000	9-5/8X22-7/16X22-7/16	37	208/1	0.25	0.51	FUJITSU AUUA18TLVA2	1,2,3,4	
SSI-6	CLASSROOM 118	DUCTED FAN COIL	900	510	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-7	CLASSROOM 117	DUCTED FAN COIL	950	510	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-8	CLASSROOM 116	DUCTED FAN COIL	1000	510	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-9	CLASSROOM 111	DUCTED FAN COIL	840	520	0.16	34,000	30,000	10-5/16X44-11/16X27-9/16	86	208/1	1.12	1.4	FUJITSU ARUM30TLAV2	1,2,3,4	
SSI-10	CLASSROOM 110	DUCTED FAN COIL	780	500	0.16	34,000	30,000	10-5/16X44-11/16X27-9/16	86	208/1	1.12	1.4	FUJITSU ARUM30TLAV2	1,2,3,4	
SSI-11	CLASSROOM 109B	DUCTED FAN COIL	840	520	0.16	34,000	30,000	10-5/16X44-11/16X27-9/16	86	208/1	1.12	1.4	FUJITSU ARUM30TLAV2	1,2,3,4	
SSI-12	CLASSROOM 108	DUCTED FAN COIL	760	490	0.16	34,000	30,000	10-5/16X44-11/16X27-9/16	86	208/1	1.12	1.4	FUJITSU ARUM30TLAV2	1,2,3,4	
SSI-13	RESOUCE 106	CEILING CASSETTE	400	225	-	15,600	14,000	9-5/8X22-7/16X22-7/16	33	208/1	0.24	0.51	FUJITSU AUUA14TLAV2	1,2,3,4	
SSI-14	CLASSROOM 103	DUCTED FAN COIL	600	420	0.16	27,000	24,000	10-5/16X44-11/16X27-9/16	86	208/1	0.75	1.1	FUJITSU ARUM24TLAV2	1,2,3,4	
SSI-15	MUSIC 104	CEILING CASSETTE	100	25	-	4,400	4,000	9-5/8X22-7/16X22-7/16	32	208/1	0	0.29	FUJITSU AUUA4TLAV2	1,2,3,4	
SSI-16	INFO CENTER 105	DUCTED FAN COIL	1240	310	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-17	CLASSROOM 107	DUCTED FAN COIL	840	500	0.16	34,000	30,000	10-5/16X44-11/16X27-9/16	86	208/1	1.12	1.4	FUJITSU ARUM30TLAV2	1,2,3,4	
SSI-18	OFFICE 255	CEILING CASSETTE	260	20	-	9,500	7,500	9-5/8X22-7/16X22-7/16	33	208/1	0.17	0.51	FUJITSU AUUA7TLAV2	1,2,3,4	
SSI-19	CLASSROOM 219	DUCTED FAN COIL	1140	500	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-20	CLASSROOM 218	DUCTED FAN COIL	1240	510	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-21	CLASSROOM 217	DUCTED FAN COIL	1200	500	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-22	CLASSROOM 216	DUCTED FAN COIL	1280	510	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-23	CLASSROOM 220	DUCTED FAN COIL	900	450	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-24	NURSE'S OFFICE 247	DUCTED FAN COIL	680	90	0.1	20,000	18,000	7-13/16X35-7/16X24-7/16	49	208/1	0.55	0.76	FUJITSU ARUL18TLAV2	1,2,3,4	
SSI-25	CLASSROOM 215	DUCTED FAN COIL	1140	510	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-26	CLASSROOM 214	DUCTED FAN COIL	1240	510	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-27	CLASSROOM 213	DUCTED FAN COIL	1140	510	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-28	ART CLASSROOM 212	DUCTED FAN COIL	1440	805	0.4	67,000	60,000	15-3/4X41-5/16X19-11/16	101	208/1	3.57	4.83	FUJITSU ARUH60TLAV2	1,2,3,4	
SSI-29	RESOURCE 211	CEILING CASSETTE	550	225	-	6,000	17,000	7-13/16X35-7/16X24-7/16	49	208/1	0.55	0.76	FUJITSU ARUL18TLAV2	1,2,3,4	
SSI-30	SCIENCE 210	DUCTED FAN COIL	1200	850	0.4	14,000	43,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-31	SCIENCE 209	DUCTED FAN COIL	1180	820	0.4	22,000	54,000	15-3/4X41-5/16X19-11/16	101	208/1	3.57	4.83	FUJITSU ARUH60TLAV2	1,2,3,4	
SSI-32	PSYCH OFFICE 242	CEILING CASSETTE	230	20	-	9,500	7,500	9-5/8X22-7/16X22-7/16	33	208/1	0.17	0.51	FUJITSU AUUA7TLAV2	1,2,3,4	
SSI-33	CLASSROOM 221	DUCTED FAN COIL	1240	460	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-34	CLASSROOM 222	DUCTED FAN COIL	1080	450	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-35	CLASSROOM 223	DUCTED FAN COIL	1360	450	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-36	CLASSROOM 224	DUCTED FAN COIL	1040	450	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-37	CLASSROOM 225	DUCTED FAN COIL	1040	450	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-38	CLASSROOM 208	DUCTED FAN COIL	1000	450	0.4	12,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-39	CLASSROOM 207	DUCTED FAN COIL	1000	450	0.4	12,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-40	PRINCIPALS OFFICE 225A	CEILING CASSETTE	400	40	-	15,000	14,000	9-5/8X22-7/16X22-7/16	33	208/1	0.24	0.51	FUJITSU AAUA14TLAV2	1,2,3,4	
SSI-41	CONFERENCE 212A	DUCTED FAN COIL	850	170	0.16	5,000	25,000	10-5/16X44-11/16X27-9/16	86	208/1	0.75	1.1	FUJITSU ARUM24TLAV2	1,2,3,4	
SSI-42	CLASSROOM 206	DUCTED FAN COIL	1000	450	0.4	10,000	32,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-43	CLASSROOM 205	DUCTED FAN COIL	1080	475	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-44	CLASSROOM 204	DUCTED FAN COIL	1140	475	0.4	40,000	36,000	15-3/4X41-5/16X19-11/16	97	208/1	2.16	2.7	FUJITSU ARUH36TLAV2	1,2,3,4	
SSI-45	CLASSROOM 203	DUCTED FAN COIL	1340	510	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-46	CLASSROOM 202	DUCTED FAN COIL	1300	510	0.4	54,000	48,000	15-3/4X41-5/16X19-11/16	101	208/1	3.27	4.83	FUJITSU ARUH48TLAV2	1,2,3,4	
SSI-47	GUIDANCE 227	CEILING CASSETTE	318	20	-	9,500	7,500	9-5/8X22-7/16X22-7/16	33	208/1	0.17	0.51	FUJITSU AAUA7TLAV2	1,2,3,4	
SSI-48	GUIDANCE 229	CEILING CASSETTE	318	20	-	9,500	7,500	9-5/8X22-7/16X22-7/16	33	208/1	0.17	0.51	FUJITSU AAUA7TLAV2	1,2,3,4	
REMARKS:	1. UNIT MOUNTED AND WIRED DISCONNECT. 2. BAC NET INTERGRATION TO BMS. 3. COLOR WHITE. 4. DRAIN PAN LEVEL SESORS. 5. CONDENSATE PUMP.														



MARK	ROOM SERVES	CFM	OA	ELECTRICAL		STEAM COIL				HW COIL					DX COIL				TYPICAL UNIT MFG & MODEL NO.	REMARKS
				MCA	VOLT/Ø	EAT °F	LAT °F	MBH	STEAM PRESSURE [PSIG]	EWT °F	EAT °F	LAT °F	MBH	GPM	EAT °F DB/WB	LAT °F DB/WB	TOTAL MBH	SENSIBLE MBH		
UV-1	CLASSROOM 104	1120	450	6.3	115/1	-	-	-	-	180	43.0	100	68.0	3.0	82.5/67.5	55.6/52.6	52	33.0	DAIKIN UAUVS9H15	1,2,3,4
UV-2	CLASSROOM 201	1000	420	6.3	115/1	39.5	104.4	68	2	-	-	-	-	-	83.1/67.9	52.6/48.5	53	32.0	DAIKIN UAUVS9H15	1,2,3,4
UV-3	CLASSROOM 200	1150	460	6.3	115/1	40.5	101.7	77	2	-	-	-	-	-	82.5/67.5	56.1/52.7	52	33.0	DAIKIN UAUVS9H15	1,2,3,4
REMARKS:	1. FACTORY MOUNTED AND WIRED DISCONNECT. 2. ECM MOTORS. 3. FACE AND BYPASS DAMPER. 4. ECM MOTORS.																			

MARK	LOCATION	SERVES	NOMINAL TONS	RATED COOLING (MBH)	RATED HEATING (MBH)	COOLING CAPACITY (MBH)	HEATING CAPACITY (MBH)	ELECTRICAL DATA			DIMENSIONS (H X W X D)	WT (LB)	EER	TYPICAL UNIT MFG & MODEL NO.	REMARKS
								SYSTEM MCA	INDIVIDUAL MCA	POWER (ØV/Hz)					
SSO-1	ROOF	SSI-1,2,3,4,10,12,13	16	192	216	175.3	148.2	91	AQUA120TLBV - 50 AQUA72TLBV - 41	1/208/60	66-9/16X84-7/16X30-1/8	1236	11.2	FUJITSU AQUA192TLBVG	1
SSO-2	ROOF	SSI-6,7,8,9,11,5,17,16	22	264	297	234.2	266.5	123	AQUA96TLBV - 41 AQUA96TLBV - 41 AQUA72TLBV - 41	3/208/60	66-9/16X109-7/8X30-1/8	1791	10.9	FUJITSU AQUA264TLBVG	1
SSO-3	ROOF	SSI-14,15	3	36	42	28	31.4	29.7	-	1/208/60	39-5/16X38-3/16X14-9/16	196	11.8	FUJITSU AQUA36RLAVS4	1
SSO-4	ROOF	SSI-18,19,20,21,22,23,24	18	216	243	198.9	243.8	91	AQUA120TLBV - 50 AQUA96TLBV - 41	3/208/60	66-9/16X84-7/16X30-1/8	1236	10.9	FUJITSU AQUA216TLBVG	1
SSO-5	ROOF	SSI-43,44,45,46	14	168	189	134	154.2	82	AQUA96TLBV - 50 AQUA72TLBV - 41	3/208/60	66-9/16X73-1/4X30-1/8	1194	11	FUJITSU AQUA168TLBVG	1
SSO-6	ROOF	SSI-32,33,34,35,36,37	18	216	243	191.6	218.1	91	AQUA120TLBV - 50 AQUA96TLBV - 41	3/208/60	66-9/16X84-7/16X30-1/8	1236	10.9	FUJITSU AQUA216TLBVG	1
SSO-7	ROOF	SSI-25,26,27,28	14	168	189	153	181.6	82	AQUA96TLBV - 41 AQUA72TLBV - 41	3/208/60	66-9/16X73-1/4X30-1/8	1194	11	FUJITSU AQUA168TLBVG	1
SSO-8	ROOF	SSI-40,47,48	3	36	42	30	34	29.7	-	3/208/60	39-5/16X38-3/16X14-9/16	196	11.8	FUJITSU AQUA36RLAVS4	1
SSO-9	ROOF	SSI-29,30,31	10	120	135	111.2	91.3	50	-	3/208/60	66-9/16X36-5/8X30-1/8	639	11.3	FUJITSU AQUA120TLBV	1
SSO-10	ROOF	SSI-38,39,41,42	12	144	162	130.2	147	82	AQUA72TLBV - 41 AQUA72TLBV - 41	3/208/60	66-9/16X73-1/4X30-1/8	1194	11.4	FUJITSU AQUA144TLBVG	1
SSO-11	ROOF	UV-1,2,3	14	164	188	158	174	55.1	-	3/208/60	66-11/16X48-7/8X30-3/16	695	10.6	DAIKIN RXYQ168XTAJA	1

REMARKS:
1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.

MARK	LOCATION	AIR DATA					STEAM DATA		WATER DATA				MFG SIZE HxL (IN.)	ROWS	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
		CFM	TEMP °F		MAX APD (IN WC)	MIN. MBH	PSI	# / HR	GPM	TEMP °F		MAX WPD (FT. HD)				
			ENT	LVG						ENT	LVG					
HC-1	CORRIDOR	3350	62	95	0.212	120	5	126.71	-	-	-	-	12X53	1	TRANE DN0B12053G0AA051AADAO 1B	
HC-2	CORRIDOR	3350	62	95	0.212	120	5	126.71	-	-	-	-	12X53	1	TRANE DN0B12053G0AA051AADAO 1B	
HC-3	CORRIDOR	2725	47	70	0.3	68	-	-	4.53	180	150	0.79	12X32	1	TRANE D5WB12032G0AA109BABAO AB	
HC-4	CORRIDOR	4320	47	70	0.269	110	-	-	7.18	180	150	1.74	12X53	1	TRANE D5WB12052G0AA009BABAO AB	
HC-5	CORRIDOR	3915	45	70	0.216	115	5	118.92	-	-	-	-	12X53	1	TRANE DN0B12053G0AA042AADAO B	
HC-6	CORRIDOR	2340	45	70	0.31	65	-	-	4.32	180	150	0.25	12X30	1	TRANE D5WB12030G0AA142BABAO OB	
HC-7	CORRIDOR	1420	45	70	0.228	40	-	-	2.56	180	150	0.46	12X20	1	TRANE D5WB12020G0AA117BABAO AB	
HC-8	CORRIDOR	6255	45	70	0.49	170	-	-	11.3	180	150	1.97	18X40	1	TRANE D5WB18040G0AA133BABAO AB	
REMARKS: 1.																

MARK	LOCATION	SERVICE	TYPE	CFM	SP IN W.G.	RPM	ELECTRICAL DATA				ROOF OPENING	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
							HP	VOLTS	PHASE	AMPS			
EF-1	ROOF	CLASSROOM 200 & 201	DOWNBLAST	880	0.42	1029	.25	115	1	3.8	14.5X14.5	GREENHECK G-120-V/G	1.2
EF-2	CORRIDOR 160	CLASSROOM 104	INLINE	430	0.2	809	.1	115	1	4.1	-	GREENHECK CSP-A700VG	1
REMARKS: 1. FACTORY MOUNTED AND WIRED DISCONNECT. 2. HINGED BASE AND BIRD SCREEN.													

MARK	FINS/FT.	TUBE SIZE (IN.)	FIN SIZE HXW (IN.)	STEAM DATA			HOT WATER			ENCLOSURE			TYPICAL UNIT MFG & MODEL NO.	REMARKS:
				PSI	LBS/(HR*FT)	BTU/FT	BTU/FT	GPM	EWI (°F)	H (IN.)	D (IN.)	STYLE		
FT-A	32	3/4	3-5/8X4-1/4	-	-	-	1100	1	180	20	5-5/16	SLOPE TOP	STERLING JVB-ARS	1,2,3
FT-B	32	3/4	3-5/8X4-1/4	15	1.69	1600	-	-	-	20	5-5/16	SLOPE TOP	STERLING JVB-ARS	1,2,3

REMARKS:
1. ENCLOSURE COLOR TO BE SELECTED BY ARCHITECT.

MARK	LOCATION	SERVICE	FREE AREA (SQ. FT.)	CFM	SP (IN. WG)	SIZE W&H (IN.)	TYPICAL UNIT MFG. & MODEL NO.	REMARKS:
L-1	CLASSROOM 104	CLASSROOM 104	0.9	430	0.03	14X24	EDJ-401	
REMARKS: 1.								

[illegible]

Project Number

Project Name

District Office Address

PLEASANTVILLE UFSD

PROJECT ISSUE & REVISION SCHEDULE

PROFESSIONAL STAMP:

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL APPEAL TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

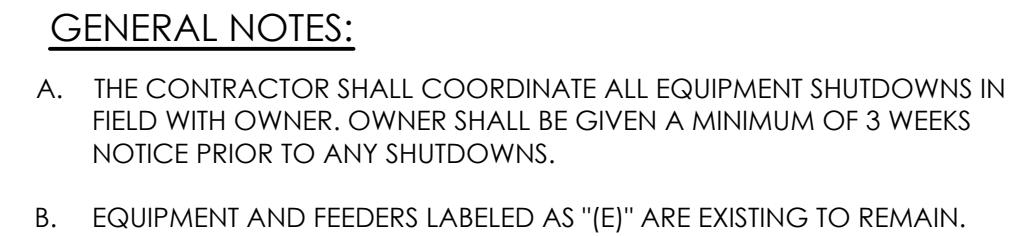
SHEET INFORMATION

Issued	Scale
10/21/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM
Drawing Title	

MECHANICAL SCHEDULES

Drawing Number

PMS
H901



- ① PAINT PANEL ENCLOSURE AND COVER FLAT BLACK.
PAINT ALL CONDUITS FLAT BACK ENTERING/EXITING THIS ROOM.
- ② PROVIDE NEW CONDUIT AND CONDUCTORS AS INDICATED.
- ③ PROVIDE NEW PANEL AS INDICATED. REFER TO DRAWING E901.
- ④ PROVIDE NEW POWER DISTRIBUTION PANEL AS INDICATED. REFER TO DRAWING E901.
- ⑤ PROVIDE CIRCUIT BREAKER INSTALLED WITHIN AVAILABLE BLANK SPACE IN SWITCHBOARD. CIRCUIT BREAKER TO BE 65K AIC, 208 VOLT RATING, UL LISTED FOR INSTALLATION WITHIN EXISTING SWITCHBOARD AS MANUFACTURED BY "SQUARE D SERIES 2-GED-2 SWITCHBOARD".

LEGEND:

EXISTING	_____
NEW	_____

[illegible]

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION	
Issued	Scale
10/21/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
MAY	JAS
Drawing Title	
POWER ONE LINE DIAGRAM	

Drawing Number
PMS
E001



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GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN, AS WELL AS THOSE CONTAINED IN THE PROJECT PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS, AND SHALL ENSURE THAT ALL SUBCONTRACTORS COMPLY WITH THESE REQUIREMENTS.
2. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO VERIFY THAT THEY HAVE THE LATEST EDITION OF THE DOCUMENTS REFERENCED ABOVE.
3. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED.
4. ALL WORK MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND CONDITIONS OF APPROVAL, AND ALL APPLICABLE REQUIREMENTS, RULES, REGULATIONS, STATUTORY REQUIREMENTS, CODES, LAWS AND STANDARDS OF ALL GOVERNMENTAL ENTITIES WITH JURISDICTION OVER THIS PROJECT.
5. THESE PLANS ARE BASED ON INFORMATION PROVIDED TO CPL BY THE OWNER AND OTHERS PRIOR TO THE TIME OF PLAN PREPARATION. CONTRACTOR MUST FIELD VERIFY EXISTING CONDITIONS AND NOTIFY CPL, IN WRITING, IMMEDIATELY IF ACTUAL SITE CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN, OR IF THE PROPOSED WORK CONFLICTS WITH ANY OTHER SITE FEATURES.
6. ALL DIMENSIONS SHOWN ON THE PLANS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR MUST NOTIFY ENGINEER, IN WRITING, IF ANY CONFLICTS, DISCREPANCIES, OR AMBIGUITIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION. NO EXTRA COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR WORK WHICH HAS TO BE REDONE OR REPAIRED DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS PRIOR TO THE CONTRACTOR GIVING ENGINEER WRITTEN NOTIFICATION OF SAME AND ENGINEER, THEREAFTER, PROVIDING CONTRACTOR WITH WRITTEN AUTHORIZATION TO PROCEED WITH SUCH ADDITIONAL WORK.
7. CONTRACTOR MUST REFER TO THE ARCHITECTURAL PLANS FOR LOCATIONS AND DIMENSIONS OF ENTRY/EXIT POINTS, ELEVATIONS, PRECISE BUILDING DIMENSIONS, AND EXACT BUILDING UTILITY LOCATIONS.
8. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR MUST COORDINATE LAYOUT BY CAREFUL REVIEW OF THE ENTIRE SITE PLAN AND THE LATEST PLANS (INCLUDING, BUT NOT LIMITED TO, STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING AND FIRE SUPPRESSION PLAN, WHERE APPLICABLE).
9. CONTRACTOR MUST IMMEDIATELY NOTIFY OWNER, ARCHITECT AND SITE ENGINEER, IN WRITING, OF ANY CONFLICTS, DISCREPANCIES OR AMBIGUITIES WHICH EXIST.
10. DEBRIS MUST NOT BE BURIED ON THE SUBJECT SITE AND ALL UNSUITABLE EXCAVATED MATERIAL AND DEBRIS (SOLID WASTE) MUST BE DISPOSED OF IN ACCORDANCE WITH THE REQUIREMENTS OF ANY AND ALL GOVERNMENTAL AUTHORITIES WHICH HAVE JURISDICTION OVER THIS PROJECT OR OVER CONTRACTOR.
11. THE CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING WHEN SHORING IS REQUIRED AND FOR INSTALLING ALL SHORING REQUIRED DURING EXCAVATION (TO BE PERFORMED IN ACCORDANCE WITH CURRENT OSHA STANDARDS) AND ANY ADDITIONAL PRECAUTIONS TO BE TAKEN TO ASSURE THE STABILITY OF ADJACENT, NEARBY AND CONTIGUOUS STRUCTURES AND PROPERTIES.
12. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO PAVEMENT, STRUCTURES, ETC., WHICH ARE TO REMAIN EITHER FOR AN INITIAL PHASE OF THE PROJECT OR AS PART OF THE FINAL CONDITION. CONTRACTOR IS RESPONSIBLE FOR TAKING ALL APPROPRIATE MEASURES REQUIRED TO ENSURE THE STRUCTURAL STABILITY OF SIDEWALKS AND PAVEMENT, UTILITIES, BUILDINGS, RETAINING WALLS AND INFRASTRUCTURE WHICH ARE TO REMAIN, AND TO PROVIDE A SAFE WORK AREA FOR THIRD PARTIES, PEDESTRIANS AND ANYONE INVOLVED WITH THE PROJECT.
13. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE DONE TO ANY NEW OR EXISTING CONSTRUCTION OR PROPERTY DURING THE COURSE OF CONSTRUCTION, INCLUDING BUT NOT LIMITED TO DRAINAGE, UTILITIES, PAVEMENT, STRIPING, CURBS, ETC., AND SHALL BEAR ALL COSTS ASSOCIATED WITH SAME TO INCLUDE, BUT NOT BE LIMITED TO, REDESIGN, RE-SURVEY, RE-PERMITTING AND CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE FOR AND MUST REPLACE ALL SIGNAL INTERCONNECTION CABLE, WIRING CONDUITS, AND ANY UNDERGROUND ACCESSORY EQUIPMENT DAMAGED DURING CONSTRUCTION AND MUST BEAR ALL COSTS ASSOCIATED WITH SAME. THE REPAIR OF ANY SUCH NEW OR EXISTING CONSTRUCTION OR PROPERTY MUST RESTORE SUCH CONSTRUCTION OR PROPERTY TO A CONDITION EQUIVALENT TO OR BETTER THAN THE CONDITIONS PRIOR TO COMMENCEMENT OF THE CONSTRUCTION, AND IN CONFORMANCE WITH APPLICABLE CODES, LAWS, RULES, REGULATIONS, STATUTORY REQUIREMENTS AND STATUTES. CONTRACTOR IS RESPONSIBLE TO DOCUMENT ALL EXISTING DAMAGE AND TO NOTIFY THE OWNER AND THE CONSTRUCTION MANAGER PRIOR TO THE START OF CONSTRUCTION.
14. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC PLAN FOR ALL WORK THAT AFFECTS PUBLIC TRAVEL EITHER IN THE P.O.W. OR ON SITE.
15. CONTRACTOR IS RESPONSIBLE TO MAINTAIN ON-SITE STORMWATER POLLUTION PREVENTION IN COMPLIANCE WITH NYSDEC STORMWATER REQUIREMENTS REGARDLESS OF WEATHER OR NOT AN ACTUAL SWPPP HAS BEEN PREPARED OR IS OTHERWISE REQUIRED.
16. CONTRACTOR IS HERE BY PUT ON NOTICE THAT THE SITE WILL BE OCCUPIED AND THAT SAID CONTRACTOR IS RESPONSIBLE FOR ALL MAINTENANCE AND PROTECTION OF TRAFFIC.

GENERAL EROSION & SEDIMENT CONTROL NOTES

1. SEDIMENT FROM THE SITE SHALL BE PREVENTED FROM DISCHARGING TO ANY SURFACE WATER OR STORMWATER PIPING SYSTEM BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
2. CONTRACTOR SHALL APPOINT A PERSON TO BE RESPONSIBLE FOR ALL EROSION AND SEDIMENT CONTROL MEASURES. THIS PERSON SHALL BE TRAINED IN ACCORDANCE WITH NYSDEC REQUIREMENTS FOR EROSION AND SEDIMENT CONTROL ACTIVITIES.
3. PROVIDE AND MAINTAIN INLET PROTECTION ON ALL EXISTING AND NEW CATCH BASINS, MANHOLES AND INLETS UNTIL DRAINAGE AREAS ARE STABILIZED. USE COMPOST FILTER SOCK IN PLACE OF FILTER FABRIC IN PAVED AREAS.
4. PROVIDE AND MAINTAIN SILT FENCE AROUND PERIMETER OF ALL WORK AREAS. EXCAVATED SOIL STOCKPILES, AND BETWEEN DISTURBED AREAS AND DRAINAGE WAYS OR WATER BODIES. COORDINATE LOCATIONS WITH OWNER AS WORK PROGRESSES AND AREAS ARE STABILIZED. SILT FENCE TO BE INSTALLED AND ENTRENCHED (MIN 6" BELOW GROUND ELEVATION). SILT SOCK MAY USED ON PAVED OR GRAVEL AREAS.
5. ALL EXPOSED SUBGRADE AREAS INTENDED FOR PAVEMENT SHALL BE STABILIZED WITH SUBBASE STONE WITHIN THREE (3) DAYS OF EXCAVATION / PAVEMENT REMOVALS.
6. EROSION CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY SOIL DISTURBANCE ACTIVITIES, INCLUDING GRADING OR FILLING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
7. CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED.
8. ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE MAINTAINED AT ALL TIMES UNTIL CONSTRUCTION IS COMPLETED AND THE WORK AREAS ARE STABILIZED.
9. CONSTRUCT TEMPORARY SILT FENCING ALONG BOTTOM EDGE OF ALL SLOPES AND/OR AS SHOWN, AS DESIGNATED, OR AS DIRECTED BY OWNERS REPRESENTATIVE.
10. ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED AND MAINTAINED WEEKLY.
11. TEMPORARY SEEDING SHALL BE SEEDED RYE GRASS AT A RATE OF FIVE (5) LBS PER 1,000 SQUARE FEET OF AREA, CONTINUALLY REAPPLY TEMPORARY SEEDING AT FIRST SIGN OF EROSION OR DETERIORATION OF THE SURFACE GRADE.
12. PERMANENT GROUND COVER SHALL BE INSTALLED ON ALL DISTURBED AREAS WITHIN 5 WORKING DAYS FOLLOWING COMPLETION OF CONSTRUCTION OR DEVELOPMENT.
13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED COMPLETELY UPON FINAL STABILIZATION. COORDINATE TIMING OF REMOVAL WITH OWNER'S REPRESENTATIVE.
14. CONTRACTOR SHALL FLUSH CLEAN ALL EXISTING AND NEW STORM PIPING WITHIN PROJECT LIMITS AFTER FINAL STABILIZATION IS COMPLETE.
15. WALKWAYS TO BE KEPT FREE AND CLEAR OF DEBRIS, REFUSE AND SILT AT ALL TIMES.
16. DEBRIS, VEGETATION AND OTHER SPILLS REMOVED AS PART OF THE CONSTRUCTION ACTIVITIES SHALL BE DISPOSED OF AT UPLAND LOCATIONS ABOVE THE REACH OF HIGH WATER AND IN ACCORDANCE WITH LOCAL LAWS AND REGULATIONS. SEDIMENT DISPOSAL IN WATER BODY, WETLANDS, FLOODWAYS OR THE 100-YEAR FLOODPLAIN IS STRICTLY PROHIBITED.
17. DURING CONSTRUCTION, NO WET OR FRESH CONCRETE OR LEACHATE SHALL BE ALLOWED TO ESCAPE INTO ANY WETLANDS OR WATERS OF NEW YORK STATE, NOR SHALL WASHINGS FROM READY-MIX CONCRETE TRUCKS, MIXERS OR OTHER DEVICES BE ALLOWED TO ENTER ANY WETLAND OR WATERS, ONLY WATERTIGHT OR WATERPROOF FORMS SHALL BE USED. WET CONCRETE SHALL NOT BE POURED TO DISPLACE WATER WITHIN THE FORMS.
18. CONTRACTOR TO CONSTRUCT A TEMPORARY CONCRETE WASHOUT AREA ADJACENT TO EACH WORK AREA ENTRANCE.
19. THE CONTROL OF DUST ORIGINATING FROM THE CONSTRUCTION OPERATIONS IS CONSIDERED A CRITICAL RESPONSIBILITY OF THE CONTRACTOR. THE OWNER'S REPRESENTATIVE WILL BE THE FINAL JUDGE OF THE ADEQUACY OF THE CONTRACTOR'S DUST CONTROL EFFORTS. WORK MAY BE SUSPENDED BY THE OWNER'S REPRESENTATIVE UNTIL ADEQUATE DUST CONTROL IS ATTAINED.

GENERAL GRADING & UTILITY NOTES

1. LOCATIONS OF ALL EXISTING AND PROPOSED UTILITIES ARE APPROXIMATE AND MUST BE CONFIRMED WITH LOCAL UTILITY COMPANIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION OR EXCAVATION. SANITARY SEWER AND ALL OTHER UTILITY SERVICE CONNECTION POINTS MUST BE CONFIRMED BY THE CONTRACTOR IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED, IN WRITING, TO THE ENGINEER. PROPOSED CROSSINGS WITH EXISTING UNDERGROUND UTILITIES SHALL BE FIELD VERIFIED BY TEST PITS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. CONTRACTOR MUST VERTICALLY AND HORIZONTALLY LOCATE ALL UTILITIES AND SERVICES INCLUDING, BUT NOT LIMITED TO, GAS, WATER, ELECTRIC, SANITARY AND STORM SEWER, TELEPHONE, CABLE, FIBER OPTIC CABLE, ETC. WITHIN THE LIMITS OF DISTURBANCE OR WORK SPACE, WHICHEVER IS GREATER. THE CONTRACTOR MUST USE, REFER TO, AND COMPLY WITH THE REQUIREMENTS OF THE APPLICABLE UTILITY NOTIFICATION SYSTEM TO LOCATE ALL THE UNDERGROUND UTILITIES. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ALL DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION, AT NO COST TO THE OWNER. CONTRACTOR SHALL BEAR ALL COSTS ASSOCIATED WITH DAMAGE TO ANY EXISTING UTILITIES DURING CONSTRUCTION.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL CONSTRUCTION CONTRACT DOCUMENTS INCLUDING, BUT NOT LIMITED TO, ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THE PROJECT WORK SCOPE PRIOR TO THE INITIATION AND COMMENCEMENT OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT AND/OR DISCREPANCY BETWEEN THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS, APPLICABLE CODES, REGULATIONS, LAWS, RULES, STATUTES AND/OR ORDINANCES, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO NOTIFY THE ENGINEER OF RECORD. IN WRITING, OF SAID CONFLICT AND/OR DISCREPANCY PRIOR TO THE START OF CONSTRUCTION. CONTRACTOR'S FAILURE TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE CONTRACTOR'S FULL AND COMPLETE ACCEPTANCE OF ALL RESPONSIBILITY TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL COMPLIANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS, LAWS, STATUTES, ORDINANCES AND CODES.
4. THE CONTRACTOR MUST LOCATE AND CLEARLY DEFINE VERTICALLY AND HORIZONTALLY ALL ACTIVE AND INACTIVE UTILITIES THAT ARE TO BE REMOVED. THE CONTRACTOR IS RESPONSIBLE TO PROTECT AND MAINTAIN ALL ACTIVE AND INACTIVE UTILITIES THAT ARE NOT BEING REMOVED OR RELOCATED DURING THE CONSTRUCTION ACTIVITY.
5. THE CONTRACTOR MUST FAMILIARIZE ITSELF WITH THE APPLICABLE UTILITY SERVICE PROVIDER REQUIREMENTS AND IS RESPONSIBLE FOR ALL COORDINATION REGARDING UTILITY DEMOLITION AS IDENTIFIED OR REQUIRED FOR THE PROJECT. THE CONTRACTOR MUST PROVIDE THE OWNER WITH WRITTEN NOTIFICATION THAT THE EXISTING UTILITIES AND SERVICES HAVE BEEN TERMINATED AND ABANDONED IN ACCORDANCE WITH THE JURISDICTION AND UTILITY COMPANY REQUIREMENTS AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
6. CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF SITE PLAN DOCUMENTS AND ARCHITECTURAL DESIGN FOR EXACT BUILDING UTILITY CONNECTION LOCATIONS, DOOR ACCESS, AND EXTERIOR GRADING. THE CONTRACTOR MUST COORDINATE INSTALLATION OF UTILITIES/SERVICES WITH THE INDIVIDUAL COMPANIES TO AVOID CONFLICTS AND TO ENSURE THAT PROPER DEPTHS ARE ACHIEVED. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT INSTALLATION OF ALL IMPROVEMENTS COMPLIES WITH ALL UTILITY REQUIREMENTS WITH JURISDICTION AND/OR CONTROL OF THE SITE, AND ALL OTHER APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE UTILITY TIE-INS/CONNECTIONS PRIOR TO CONNECTING TO THE EXISTING UTILITY/SERVICE.
7. WHERE A CONFLICT(S) EXISTS BETWEEN THESE SITE PLANS AND THE ARCHITECTURAL PLANS, OR WHERE ARCHITECTURAL PLAN UTILITY CONNECTION POINTS DIFFER, THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE ENGINEER, IN WRITING, AND PRIOR TO CONSTRUCTION, RESOLVE SAME.
8. SITE GRADING MUST BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT REFERENCED IN THIS PLAN SET. THE CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING UNSUITABLE MATERIALS WITH SUITABLE MATERIALS AS SPECIFIED IN THE GEOTECHNICAL REPORT. ALL EXCAVATED OR FILLED AREAS MUST BE COMPACTED AS OUTLINED IN THE GEOTECHNICAL REPORT. MOISTURE CONTENT AT TIME OF PLACEMENT MUST BE SUBMITTED IN A COMPACTION REPORT PREPARED BY A QUALIFIED GEOTECHNICAL ENGINEER, REGISTERED WITH THE STATE OF NEW YORK, VERIFYING THAT ALL FILLED AREAS AND SUBGRADE AREAS WITHIN THE BUILDING PAD AREA AND AREAS TO BE PAVED HAVE BEEN COMPACTED IN ACCORDANCE WITH THESE PLANS, SPECIFICATIONS AND THE RECOMMENDATIONS SET FORTH IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
9. SUBBASE MATERIAL FOR SIDEWALKS, CURBS, OR ASPHALT MUST BE FREE OF ORGANICS AND OTHER UNSUITABLE MATERIALS. SHOULD SUBBASE BE DEEMED UNSUITABLE BY THE OWNER'S REPRESENTATIVE, SUBBASE SHALL BE REMOVED AND FILLED WITH APPROVED FILL MATERIAL COMPACTED AS DIRECTED BY THE GEOTECHNICAL REPORT. EARTHWORK ACTIVITIES INCLUDING, BUT NOT LIMITED TO, EXCAVATION, BACKFILL, AND COMPACTING MUST COMPLY WITH THE RECOMMENDATIONS IN THE GEOTECHNICAL REPORT AND ALL APPLICABLE REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES. EARTHWORK ACTIVITIES MUST COMPLY WITH THE STANDARD STATE DOT SPECIFICATIONS FOR ROADWAY CONSTRUCTION (LATEST EDITION) AND ANY AMENDMENTS OR REVISIONS THERETO.
10. ALL FILL, COMPACTION, AND BACKFILL MATERIALS REQUIRED FOR UTILITY INSTALLATION MUST BE AS PER THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT AND MUST BE COORDINATED WITH THE APPLICABLE UTILITY COMPANY SPECIFICATIONS. WHEN THE PROJECT DOES NOT HAVE GEOTECHNICAL RECOMMENDATIONS, FILL AND COMPACTION MUST, AT A MINIMUM, COMPLY WITH THE STATE DOT REQUIREMENTS AND SPECIFICATIONS AND CONSULTANT SHALL HAVE NO LIABILITY OR RESPONSIBILITY FOR OR AS RELATED TO FILL, COMPACTION AND BACKFILL. CONTRACTOR IS RESPONSIBLE FOR EARTHWORK BALANCE.
11. THE CONTRACTOR MUST COMPLY, TO THE FULLEST EXTENT, WITH THE LATEST OSHA STANDARDS AND REGULATIONS, AND/OR ANY OTHER AGENCY WITH JURISDICTION FOR EXCAVATION AND TRENCHING PROCEDURES. THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING THE "MEANS AND METHODS" REQUIRED TO MEET THE INTENT AND PERFORMANCE CRITERIA OF OSHA, AS WELL AS ANY OTHER ENTITY THAT HAS JURISDICTION FOR EXCAVATION AND/OR TRENCHING PROCEDURES.
12. PAVEMENT MUST BE SAW CUT IN STRAIGHT LINES, AND EXCEPT FOR EDGE OF BUTT JOINTS, MUST EXTEND TO THE FULL DEPTH OF THE EXISTING PAVEMENT. ALL DEBRIS FROM REMOVAL OPERATIONS MUST BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS WILL NOT BE PERMITTED.
13. THE FRAME AND COVER OF EXISTING MANHOLES, INLET STRUCTURES, AND SANITARY CLEANOUT TOPS MUST BE ADJUSTED, AS NECESSARY, TO MATCH PROPOSED GRADES IN ACCORDANCE WITH ALL APPLICABLE STANDARDS, REQUIREMENTS, RULES, STATUTES, LAWS, ORDINANCES AND CODES.
14. DURING THE INSTALLATION OF SANITARY SEWER, STORM SEWER, AND ALL UTILITIES, THE CONTRACTOR MUST MAINTAIN A COMPLETE AND THOROUGH RECORD OF CONSTRUCTION TO IDENTIFY THE AS-BUILT LOCATIONS OF ALL UNDERGROUND INFRASTRUCTURE. THE CONTRACTOR MUST CAREFULLY NOTE ANY INSTALLATIONS THAT DEVIATE FROM THE INFORMATION CONTAINED IN THE UTILITY PLAN. THIS RECORD MUST BE KEPT ON A CLEAN COPY OF THE DRAINAGE OR UTILITY PLAN, WHICH CONTRACTOR MUST PROMPTLY PROVIDE TO THE OWNER AT THE COMPLETION OF WORK.
15. IN THE EVENT OF DISCREPANCIES AND/OR CONFLICTS BETWEEN PLANS OR RELATIVE TO OTHER PLANS, THE SITE PLAN WILL TAKE PRECEDENCE AND CONTROL. CONTRACTOR MUST IMMEDIATELY NOTIFY THE DESIGN ENGINEER, IN WRITING, OF ANY DISCREPANCIES AND/OR CONFLICTS.
16. CONTRACTOR IS REQUIRED TO SECURE ALL NECESSARY AND/OR REQUIRED PERMITS AND APPROVALS FOR ALL OFF SITE MATERIAL SOURCES AND DISPOSAL FACILITIES. CONTRACTOR MUST SUPPLY A COPY OF APPROVALS TO ENGINEER AND OWNER PRIOR TO INITIATING ANY WORK.

KEY NOTES:

- 1 EC TO REMOVE EXISTING TRANSFORMERS FROM UNDERGROUND VAULT, TRANSPORT TO PROPERTY LINE AND LOAD ON UTILITY TRAILER TO FACILITATE TURN OVER TO UTILITY. PROVIDE FULL COORDINATION WITH UTILITY.
- 2 REPLACEMENT PAD MOUNTED TRANSFORMER: TRANSFORMER FURNISHED AND DELIVERED TO PROPERTY LINE AND EC TO MOVE AND SET FROM PROPERTY LINE TO PAD. PROVIDE FULL COORDINATION WITH UTILITY.



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PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

Project Address

40 ROMER AVE, PLEASANTVILLE, NY 10570

Multiple Building Names

16-08-09-03-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

I, E. A. VILLANOVA, OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS REGULATION FOR ANY PERSON, INDICATED ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, HAVE BEEN EMPLOYED BY AND HAVE BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR, I HAVE THE AUTHORITY TO SIGN AND SEAL THIS DRAWING AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE DESIGN.

SHEET INFORMATION

Issued 10/21/22 Scale AS INDICATED
Project Status BID SUBMISSION
Drawn By JAS Checked By JAS
Drawing Title ELECTRICAL SITE PLAN

Drawing Number

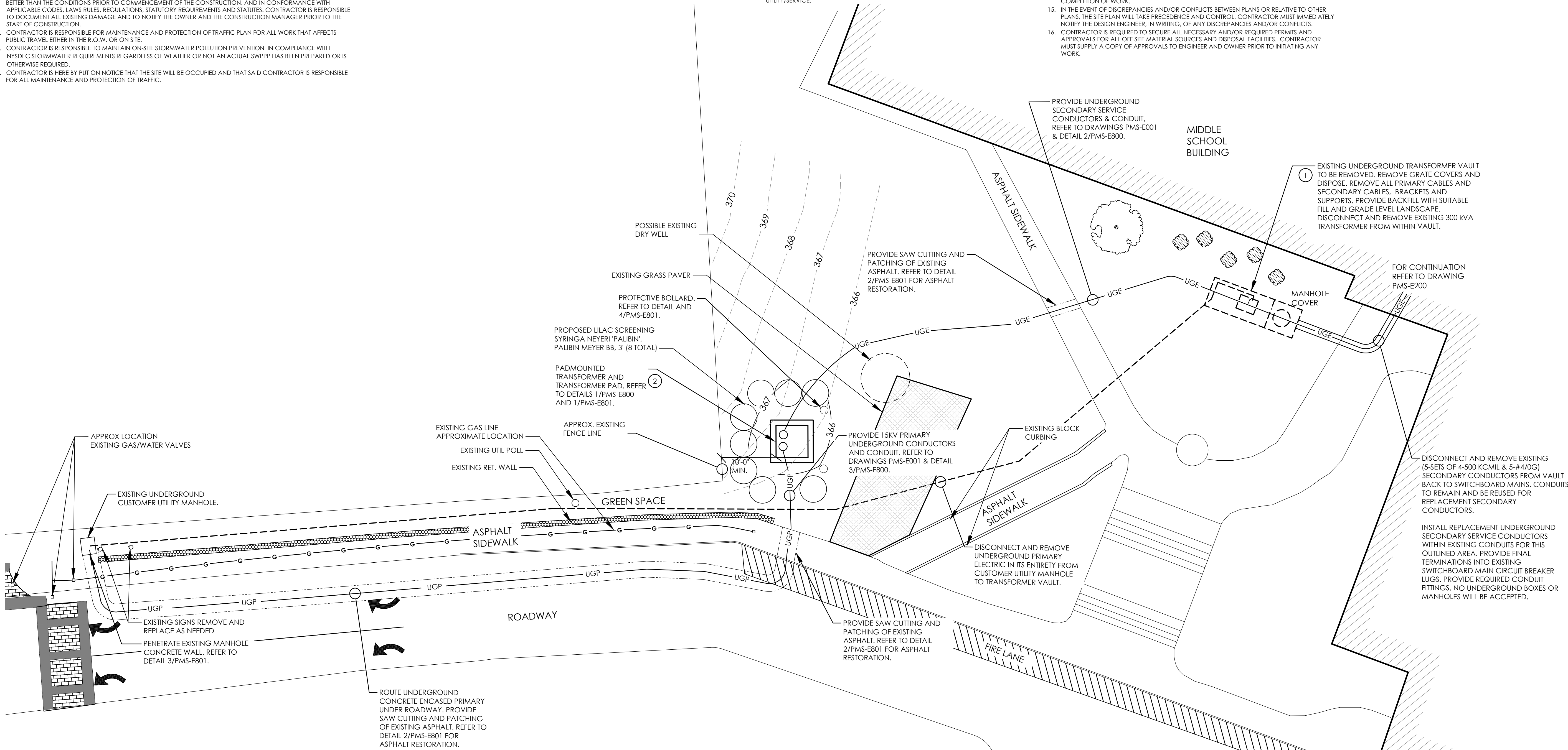
PMS
E002

Plotted By: James Schleicher

Date last plotted: 10/20/2022 11:52 AM

Date last accessed: 10/20/2022 11:47 AM

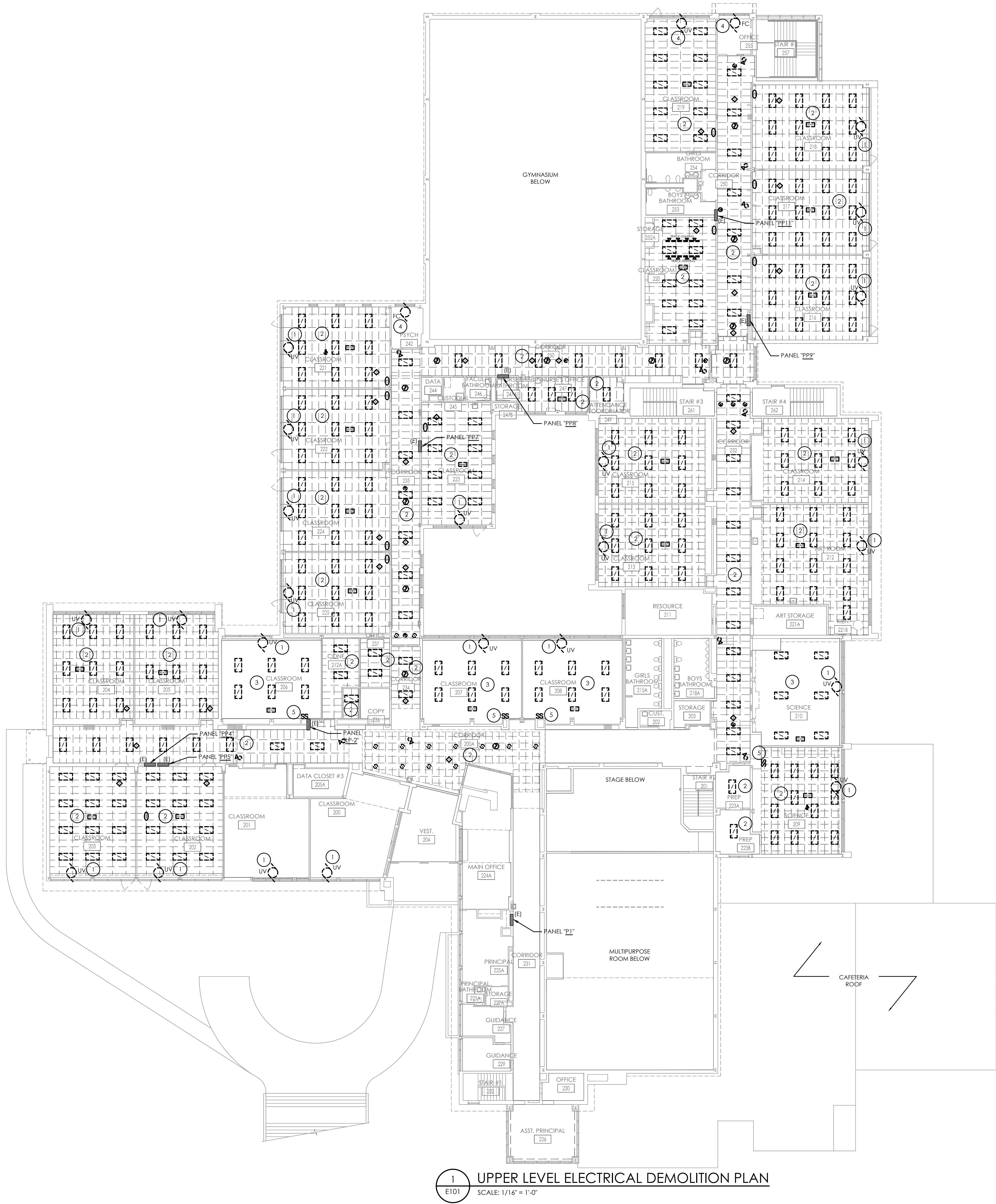
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1 ELECTRICAL SITE PLAN
E002 SCALE: 1" = 10'-0"



PMS
E100



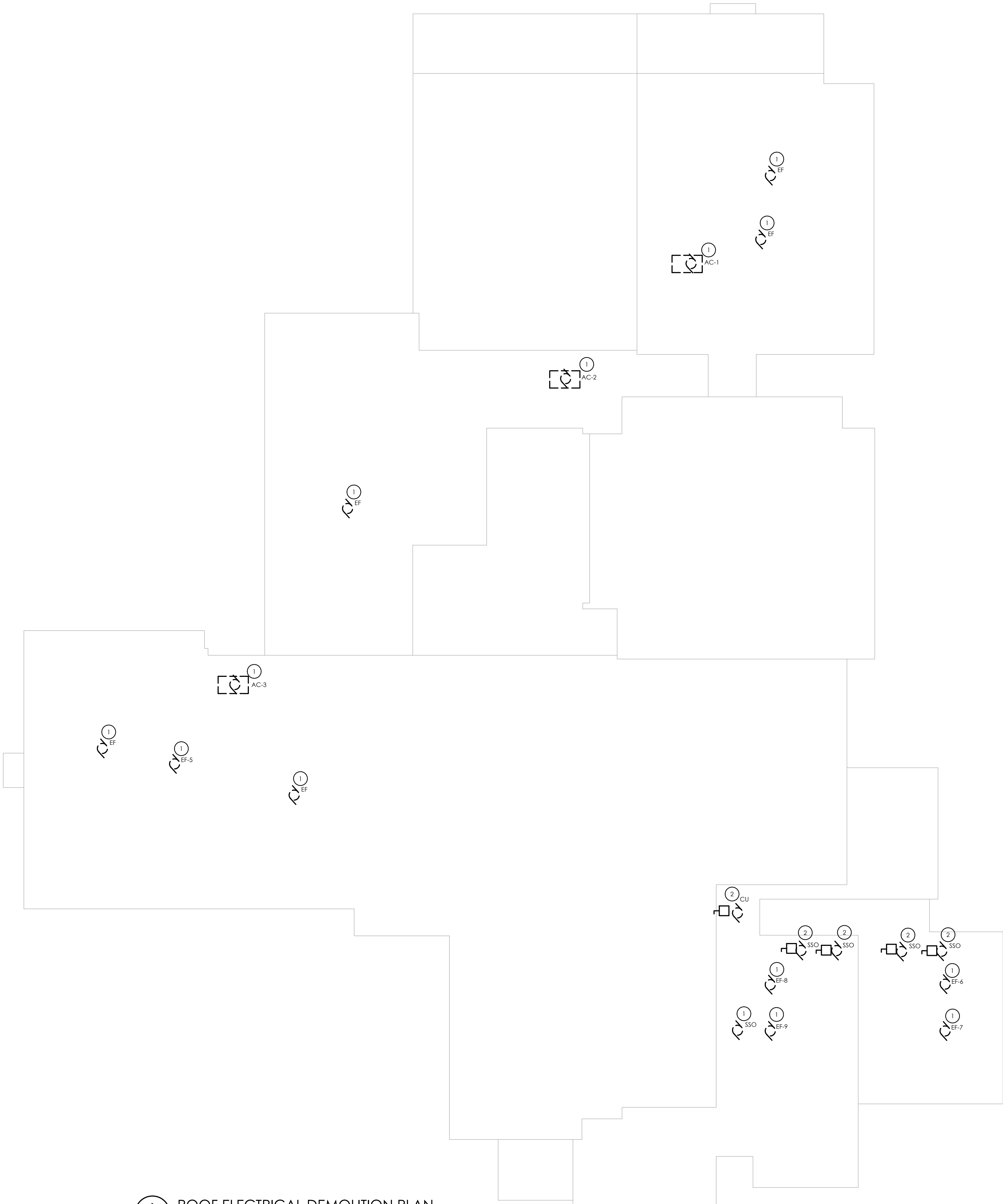
1 UPPER LEVEL ELECTRICAL DEMOLITION PLAN
E101 SCALE: 1/16" = 1'-0"

GENERAL NOTES:

- ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.
- INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.
- DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.
- THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.
- COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.
- ALL ITEMS (DEVICES, FIXTURES, ETC.) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.
- CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.
- CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.
- FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES:

- DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE IN ITS ENTIRETY. PATCH EXISTING FLOOR HOLE WHERE CIRCUIT PENETRATION EXISTS.
- DISCONNECT, REMOVE AND STORE EXISTING CEILING ELECTRICAL LIGHTING FIXTURES AND DEVICES INDICATED TO ALLOW REMOVAL OF EXISTING CEILING WITHIN ROOM OR CORRIDOR(S) UNLESS OTHERWISE NOTED. MAINTAIN ALL EXISTING WIRING AND TAG FOR REUSE AND RECONNECTION.
- DISCONNECT, REMOVE AND STORE EXISTING CEILING ELECTRICAL DEVICES INDICATED TO ALLOW REMOVAL OF EXISTING CEILING WITHIN ROOM UNLESS OTHERWISE NOTED. DISCONNECT AND REMOVE PENDANT LIGHTING FIXTURES AND ASSOCIATED BRANCH CIRCUITRY FROM FIXTURE TO FIXTURE. MAINTAIN EXISTING LIGHTING BRANCH CIRCUIT HOMERUN BACK TO PANELBOARD FOR REUSE.
- DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FROM SSI BACK TO SOURCE IN ITS ENTIRETY.
- DISCONNECT AND REMOVE EXISTING LIGHT SWITCHES AND ASSOCIATED WIRING BACK TO LIGHTING FIXTURES. PROVIDE STAINLESS METAL BLANK COVERPLATE(S) FRO FLUSH MOUNTED DEVICE BACK BOXES.



1
E102

ROOF ELECTRICAL DEMOLITION PLAN

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

GENERAL NOTES:

- A. ALL ITEMS SHOWN ARE TO BE REMOVED UNLESS LABELED AS (E) EXISTING TO REMAIN. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "(E)" SHALL REMAIN, UNLESS OTHERWISE NOTED.
- B. INFORMATION ON DRAWINGS WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL AND REPLACEMENT OF ANY DEVICES AND CABLING THAT MAY NOT BE SHOWN ON DRAWING AT NO ADDITIONAL COST TO OWNER.
- C. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF ELECTRICAL WORK REQUIRED TO COMPLETE THE PROJECT. EXISTING CONDITIONS ARE TAKEN FROM FIELD OBSERVATION AND EXISTING BUILDING DOCUMENTS. OTHER ELECTRICAL ITEMS MAY EXIST FOR WHICH THE CONTRACTOR IS RESPONSIBLE AT NO ADDITIONAL COST.
- D. THE CONTRACTOR SHALL REMOVE THE EXISTING ELECTRIC IN AREAS OF NEW RENOVATIONS TO ACCOMMODATE NEW CONSTRUCTION. REROUTING OF EXISTING MAY BE REQUIRED AT NEW OPENINGS IN EXISTING CONSTRUCTION OR INTERFERENCE WITH OTHER NEW WORK AS NOTED IN THE FOLLOWING NOTES.
- E. COORDINATE DEMOLITION OF EQUIPMENT, DEVICES, ETC. WITH OTHER DISCIPLINES AS APPLICABLE. REFER TO ARCHITECTURAL DEMOLITION DRAWINGS AND NOTES FOR COORDINATION.
- F. ALL ITEMS (DEVICES, FIXTURES, ETC.) SHOWN ARE TO BE REMOVED UNLESS LABELED AS EXISTING TO REMAIN - (E). THESE ITEMS AND THEIR RELATED WIRING/CONDUIT SHALL BE REMOVED BACK TO THE SOURCE CONTROL PANEL/PANELBOARD UNLESS OTHERWISE NOTED. ON CIRCUITS WHERE OTHER DEVICES, FIXTURES, ETC. ARE FOUND THAT MUST REMAIN, MAINTAIN CIRCUIT CONTINUITY BY PROVIDING ADDITIONAL WIRING, TO FEED THROUGH TO THESE REMAINING ITEMS. RELOCATE ANY CIRCUITS THAT REMAIN, TO AVOID CONFLICT WITH NEW CONSTRUCTION AS REQUIRED. PROPERLY TERMINATE ALL WIRING.
- G. CONTRACTOR SHALL PROPERLY DISPOSE OF ALL ITEMS AND/OR EQUIPMENT BEING REMOVED AS PART OF THE PROJECT. THE OWNER SHALL HAVE THE RIGHT OF RETAINING ANY ITEMS BEING REMOVED.
- H. FIREPROOFING AND/OR FIRE STOP MATERIALS REMOVED FROM FIRE RATED WALLS AND CEILINGS AS A RESULT OF DEMOLITION SHALL BE RE-INSTALLED USING AN APPROVED METHOD AS DESCRIBED IN ASSOCIATED PROJECT SPECIFICATIONS.

KEY NOTES:

- ① DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE IN ITS ENTIRETY.
- ② DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FROM CONDENSING UNIT BACK TO DISCONNECT SWITCH IN ITS ENTIRETY. DISCONNECT AND REMOVE DISCONNECT SWITCH AND SERVICE RECEPTACLE AND ALL ASSOCIATED BRANCH CIRCUIT WIRING AND CONDUIT BACK TO SOURCE IN ITS ENTIRETY.



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PROJECT INFORMATION

Project Number
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Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

Project Address

40 ROMER AVE, PLEASANTVILLE, NY 10570

Multiple Building Names

68-06-09-03-0-01-017

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

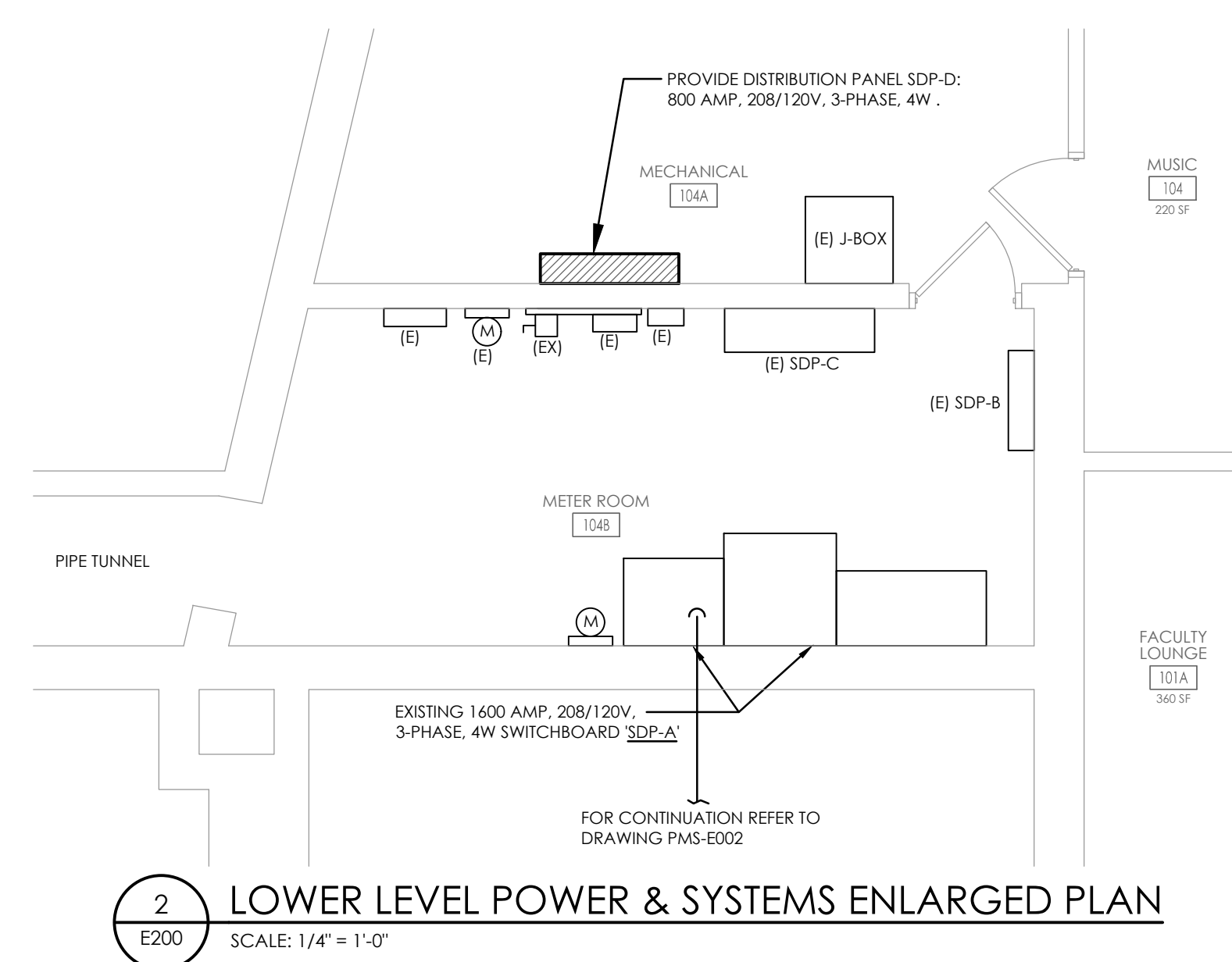
NEW YORK STATE EDUCATION STATEMENT
I, BE A VENDOR OF THE NEW YORK STATE EDUCATION PLAN AND THE COMMISSIONERS
REGULATIONS FOR ANY PERSON, UNDER ACTING UNDER THE COMMISSION OF A LICENSED
ARCHITECT, ENGINEER OR LAND SURVEYOR, TO SIGN IN THE NAME OF ANY PARTY
BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR AS ATTACHED TO THE
PART SHALL APPEAR TO THE EDUCATION PLAN AND THE EDUCATION PLAN IS FOLLOWED BY
THE SIGNATURE AND THE DATE OF SUCH SIGNATURE, AND A SPECIFIC DESCRIPTION OF THE
ASSISTANCE

SHEET INFORMATION

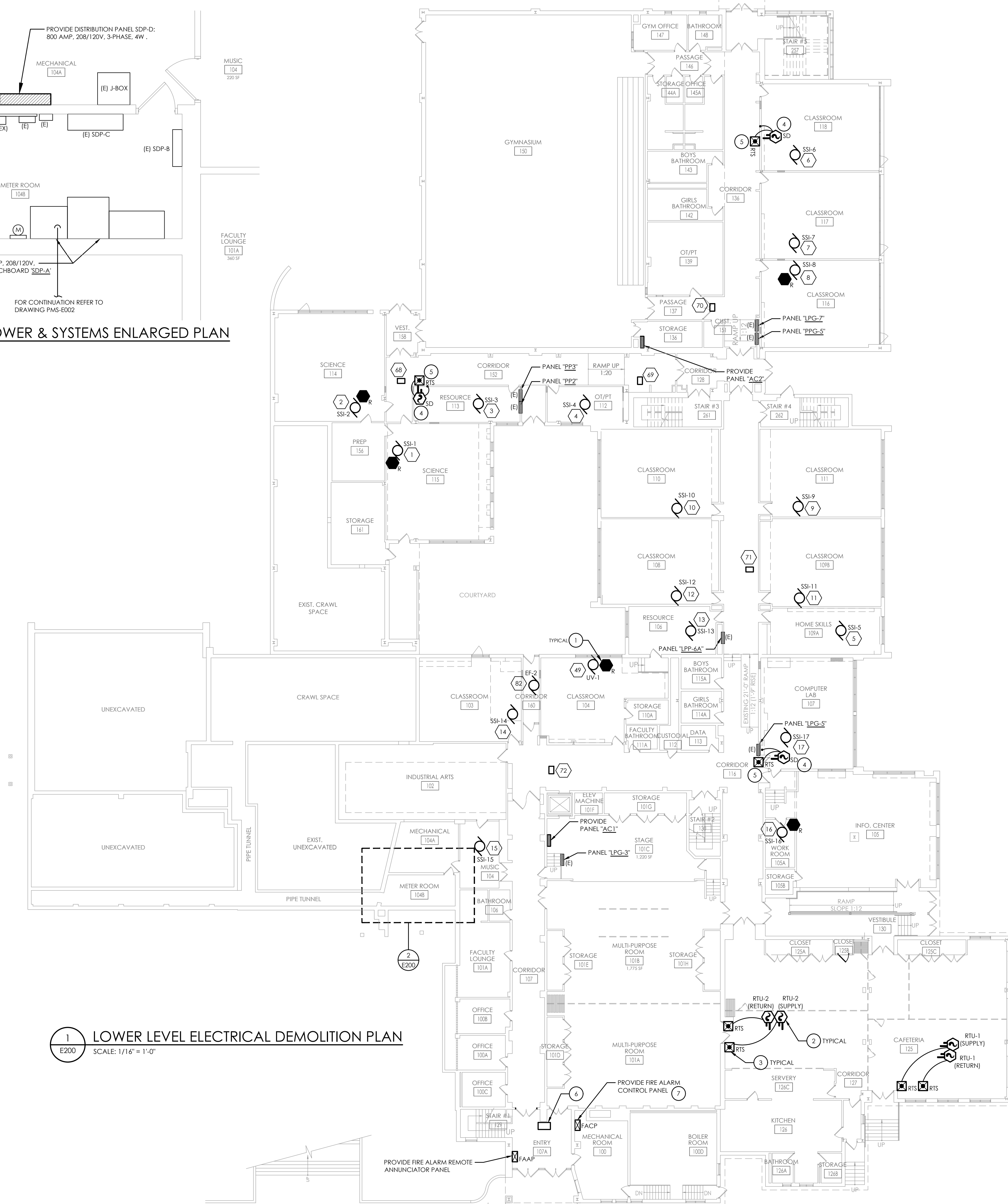
Issued	Scale
10/21/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
MAY	JAS
Drawing Title	
ROOF ELECTRICAL DEMOLITION PLAN	

Drawing Number

PMS
E102



2 LOWER LEVEL POWER & SYSTEMS ENLARGED PLAN
E200 SCALE: 1/4" = 1'-0"



1 LOWER LEVEL ELECTRICAL DEMOLITION PLAN
E200 SCALE: 1/16" = 1'-0"

GENERAL NOTES:

- A. AT EACH (X) SYMBOL INDICATES, REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING PMS-E900.
- B. ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "IE" SHALL REMAIN, UNLESS OTHERWISE NOTED.
- C. INFORMATION ON DRAWING WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. AREAS WITHOUT NEW FIRE ALARM DEVICES ARE NOT PART OF PROJECT SCOPE AND HAVE BEEN FIELD VERIFIED AND DETERMINED TO MEET NEW YORK STATE SED REQUIREMENTS MANUAL PLANNING STANDARDS 2014 VERSION.
- D. DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF FIRE ALARM WORK REQUIRED TO COMPLETE THE PROJECT.
- E. FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES ARE ALSO TO BE TESTED.
- F. ALL SYSTEMS CABLING SHALL BE RUN IN FREE-AIR AND SUPPORTED ABOVE CEILINGS VIA J-HOOKS. J-HOOKS NOT TO EXCEED 5'-0" SPACING.
- G. THE CONTRACTOR SHALL PROVIDE NEW NOTIFICATION APPLIANCE (NAC) PANEL ON EACH FLOOR TO ACCOMMODATE NEW NOTIFICATION DEVICES. PANELS SHALL BE LOCATED IN ACCESSIBLE CLOSET SPACE ON ASSOCIATED FLOOR. COORDINATE EXACT PANEL LOCATION WITH OWNER PRIOR TO INSTALLATION. SERVE NEW NAC PANEL FROM NEAREST AVAILABLE 120VAC PANELBOARD SOURCE WITH (2) #12, #12 G IN 1/2" EMT CONDUIT. CIRCUIT LENGTHS EXCEEDING 100' SHALL BE WITH #10 AWG. PROVIDE 20/1 CIRCUIT BREAKER IN AVAILABLE PANEL SPACE AND ASSOCIATED "BREAKER ON" LOCK. NEW CIRCUIT BREAKER SHALL BE U.L. LISTED AND MATCH EXISTING PANEL INTERRUPTING RATING.
- H. INITIATION DEVICES SHOWN SHALL NOT BE LOCATED IN A DIRECT AIRFLOW PATH OR CLOSER THAN 3' OF AN AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE.
- I. FIRE ALARM CABLING RUN EXPOSED IN UNFINISHED AREAS SHALL BE INSTALLED IN EMT CONDUIT AND PAINTED TO MATCH EXISTING WALL/CILING FINISH. HORIZONTAL RUNS THROUGH WALLS AND VERTICAL RUNS THROUGH FLOORS SHALL BE SLEEVED IN EMT CONDUIT AND FIRE CAULKED. ALL FIRE ALARM CABLING RUN EXPOSED IN FINISHED SPACES SHALL BE INSTALLED IN 500 SERIES STEEL WIREMOLD. IVORY IN COLOR.

KEY NOTES:

- ① PROVIDE FAN SHUTDOWN RELAY AT HVAC EQUIPMENT CONTROLS. INTERCONNECT RELAY TO NEW BUILDING FIRE ALARM CONTROL PANEL TO SHUT DOWN FAN MOTOR WHEN THE FIRE ALARM IS ACTIVATED.
- ② PROVIDE DUCT SMOKE DETECTOR FOR RETURN AND SUPPLY DUCTS OF HVAC UNIT, UNLESS OTHERWISE NOTED. PROVIDE FAN SHUT DOWN RELAYS SO THAT UNIT WILL SHUT DOWN ALL FANS ASSOCIATED WITH UNIT UPON ACTIVATION OF THE BUILDING FIRE ALARM PANEL.
- ③ PROVIDE CEILING MOUNTED REMOTE TEST SWITCHES. SWITCHES ARE ASSOCIATED WITH DUCT SMOKE DETECTORS IN SUPPLY AND RETURN MAIN LINE TRUNKS OF UNIT INDICATED, UNLESS OTHERWISE NOTED. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.
- ④ PROVIDE DUCT SMOKE DETECTOR TO INTERACT WITH FIRE/SMOKE DAMPER. DUCT SMOKE DETECTOR SHALL CLOSE DAMPER UPON ACTIVATION.
- ⑤ PROVIDE WALL MOUNTED REMOTE TEST SWITCHES MOUNTED HIGH UP NEAR CEILING. SWITCHES ARE ASSOCIATED WITH DUCT SMOKE DETECTOR FOR THE CLOSING OF SMOKE DAMPER WITHIN DUCTWORK. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.
- ⑥ PROVIDE SUITABLE SIZED METAL JUNCTION BOX ABOVE CEILING TO ALLOW SPlicing AND EXTENSION OF EXISTING FIRE ALARM ANNUNCIATION AND INITIATION CIRCUITS TO NEW PROVIDED FIRE ALARM CONTROL PANEL.
- ⑦ EXTEND ALL EXISTING FIRE ALARM ANNUNCIATION AND INITIATION CIRCUITS FROM EXISTING FIRE ALARM CONTROL PANEL TO THIS PANEL.



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PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

Multiple Building Name

66-08-09-C3-0-001-01

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
10/21/22	AS INDICATED

Project Status

BID SUBMIT

Drawn By

MAY

Drawing Title

LOWER LEVEL POWER & SYSTEMS PLAN

Drawing Number

PMS
E200

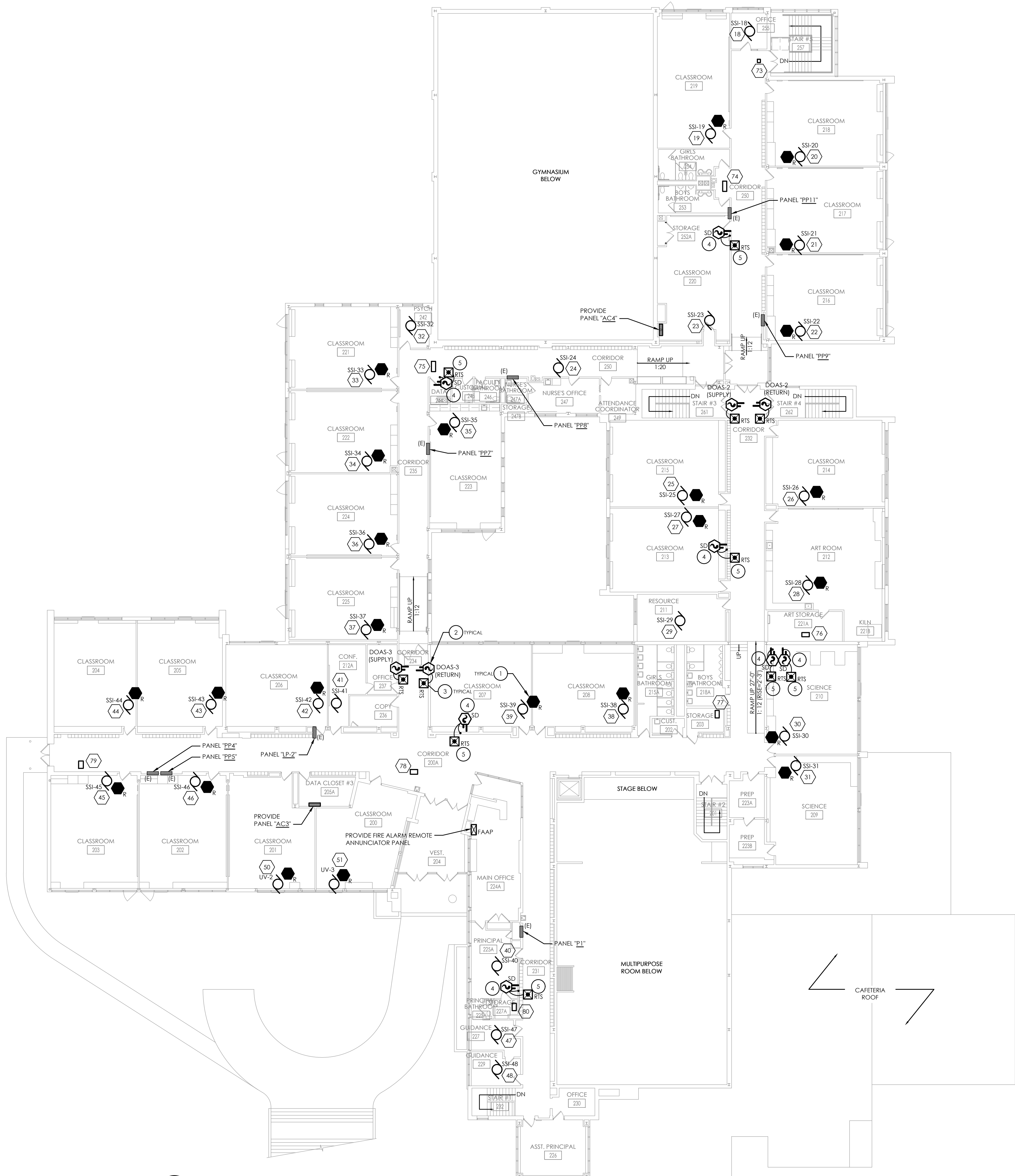
Plotted By: James Sleicher

Date last plotted: 10/20/2022 11:37 AM

Date last accessed: 10/19/2022 4:03 PM

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1
E201

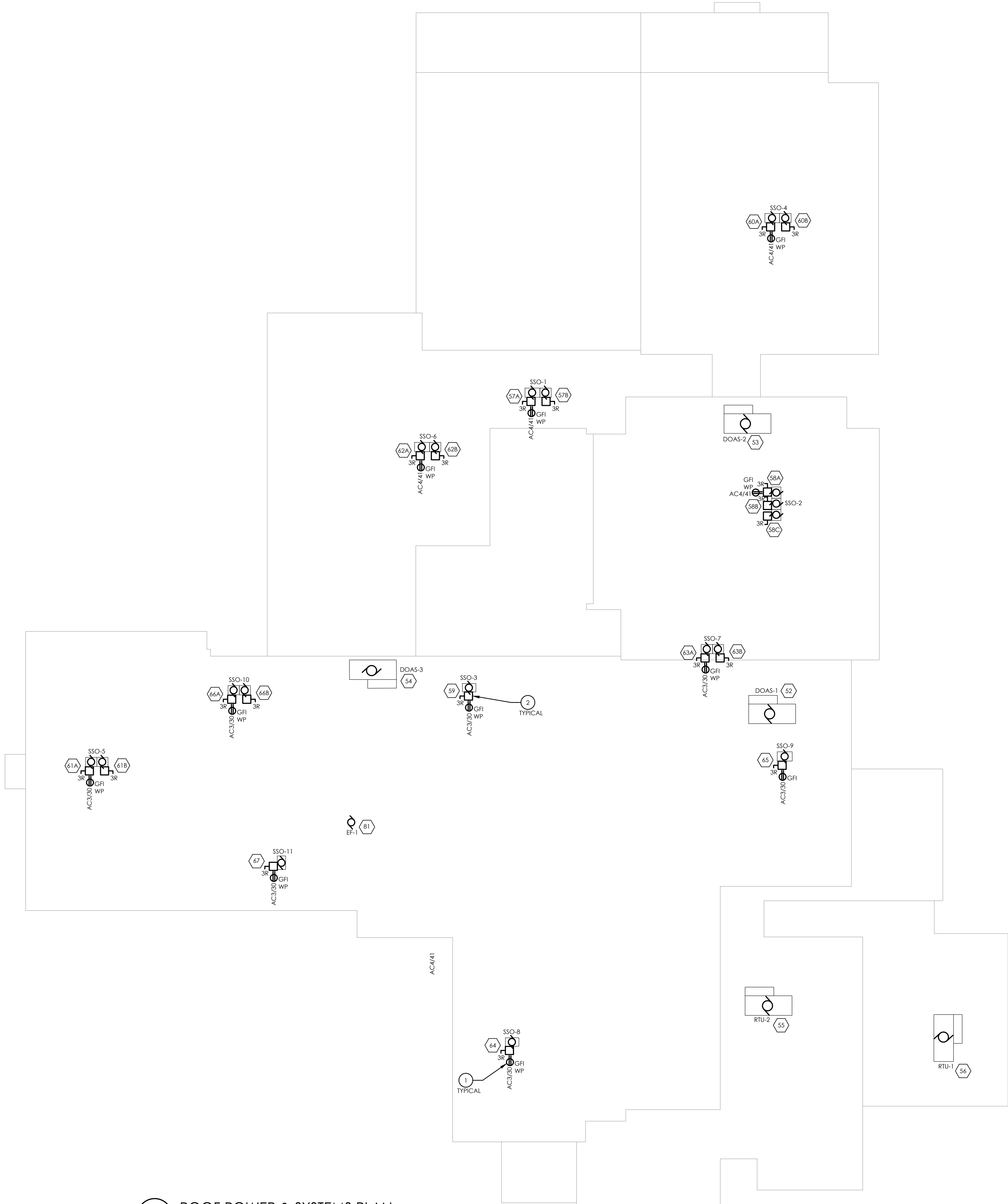
UPPER LEVEL POWER & SYSTEMS PLAN
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

- AT EACH  SYMBOL INDICATES. REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING PMS-E900.
- ANY DEVICE, AS WELL AS ITS ASSOCIATED CIRCUITING, AND CONDUIT, LABELED "E" SHALL REMAIN, UNLESS OTHERWISE NOTED.
- INFORMATION ON DRAWING WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. AREAS WITHOUT NEW FIRE ALARM DEVICES ARE NOT PART OF PROJECT SCOPE AND HAVE BEEN FIELD VERIFIED AND DETERMINED TO MEET NEW YORK STATE SED REQUIREMENTS MANUAL PLANNING STANDARDS 2014 VERSION.
- DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF FIRE ALARM WORK REQUIRED TO COMPLETE THE PROJECT.
- FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES ARE ALSO TO BE TESTED.
- ALL SYSTEMS CABLING SHALL BE RUN IN FREE-AIR AND SUPPORTED ABOVE CEILINGS VIA J-HOOKS. J-HOOKS NOT TO EXCEED 5'-0" SPACING.
- THE CONTRACTOR SHALL PROVIDE NEW NOTIFICATION APPLIANCE (NAC) PANEL ON EACH FLOOR TO ACCOMMODATE NEW NOTIFICATION DEVICES. PANELS SHALL BE LOCATED IN ACCESSIBLE CLOSET SPACE ON ASSOCIATED FLOOR. COORDINATE EXACT PANEL LOCATION WITH OWNER PRIOR TO INSTALLATION. SERVE NEW NAC PANEL FROM NEAREST AVAILABLE 120VAC PANELBOARD SOURCE WITH (2) #12, #12 G IN 1/2" EMT CONDUIT. CIRCUIT LENGTHS EXCEEDING 100' SHALL BE WITH #10 AWG. PROVIDE 20/1 CIRCUIT BREAKER IN AVAILABLE PANEL SPACE AND ASSOCIATED "BREAKER ON" LOCK. NEW CIRCUIT BREAKER SHALL BE U.L. LISTED AND MATCH EXISTING PANEL INTERRUPTING RATING.
- INITIATION DEVICES SHOWN SHALL NOT BE LOCATED IN A DIRECT AIRFLOW PATH OR CLOSER THAN 3' OF AN AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE.
- FIRE ALARM CABLING RUN EXPOSED IN UNFINISHED AREAS SHALL BE INSTALLED IN EMT CONDUIT AND PAINTED TO MATCH EXISTING WALL/CEILING FINISH. HORIZONTAL RUNS THROUGH WALLS AND VERTICAL RUNS THROUGH FLOORS SHALL BE SLEEVED IN EMT CONDUIT AND FIRE CAULKED. ALL FIRE ALARM CABLING RUN EXPOSED IN FINISHED SPACES SHALL BE INSTALLED IN 500 SERIES STEEL WIREMOLD, IVORY IN COLOR.


KEY NOTES:

- 1 PROVIDE FAN SHUTDOWN RELAY AT HVAC EQUIPMENT CONTROLS. INTERCONNECT RELAY TO NEW BUILDING FIRE ALARM CONTROL PANEL TO SHUT DOWN FAN MOTOR WHEN THE FIRE ALARM IS ACTIVATED.
- 2 PROVIDE DUCT SMOKE DETECTOR FOR RETURN AND SUPPLY DUCTS OF HVAC UNIT, UNLESS OTHERWISE NOTED. PROVIDE FAN SHUT DOWN RELAYS SO THAT UNIT WILL SHUT DOWN ALL FANS ASSOCIATED WITH UNIT UPON ACTIVATION OF THE BUILDING FIRE ALARM PANEL.
- 3 PROVIDE CEILING MOUNTED REMOTE TEST SWITCHES. SWITCHES ARE ASSOCIATED WITH DUCT SMOKE DETECTORS IN SUPPLY AND RETURN MAIN LINE TRUNKS OF UNIT INDICATED. UNLESS OTHERWISE NOTED. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.
- 4 PROVIDE DUCT SMOKE DETECTOR TO INTERACT WITH FIRE/SMOKE DAMPER. DUCT SMOKE DETECTOR SHALL CLOSE DAMPER UPON ACTIVATION.
- 5 PROVIDE WALL MOUNTED REMOTE TEST SWITCHES MOUNTED HIGH UP NEAR CEILING. SWITCHES ARE ASSOCIATED WITH DUCT SMOKE DETECTOR FOR THE CLOSING OF SMOKE DAMPER WITHIN DUCTWORK. COORDINATE LOCATION AND MOUNTING WITH OWNER PRIOR TO INSTALLATION.



1 ROOF POWER & SYSTEMS PLAN
E202 SCALE: 1/16" = 1'-0"

GENERAL NOTES:

- AT EACH  SYMBOL INDICATES. REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING PMS-E900.
- INFORMATION ON DRAWING WAS OBTAINED THROUGH FIELD OBSERVATION AND AS-BUILT DOCUMENTATION. AREAS WITHOUT NEW FIRE ALARM DEVICES ARE NOT PART OF PROJECT SCOPE AND HAVE BEEN FIELD VERIFIED AND DETERMINED TO MEET NEW YORK STATE SED REQUIREMENTS MANUAL PLANNING STANDARDS 2014 VERSION.
- DRAWINGS ARE GRAPHICAL REPRESENTATIONS OF APPROXIMATE EQUIPMENT AND DEVICE LOCATIONS. CONTRACTOR SHALL VISIT THE SITE TO DETERMINE THE EXACT EXTENT OF FIRE ALARM WORK REQUIRED TO COMPLETE THE PROJECT.
- FINAL TESTING OF FIRE ALARM SYSTEM SHALL COMPLY WITH ALL NFPA 72 REQUIREMENTS. ANY ALTERED CIRCUIT(S) SHALL HAVE ALL ASSOCIATED LOOP DEVICES TESTED IN THEIR ENTIRETY AND 10% OF NEIGHBORING ZONE/LOOP DEVICES ARE ALSO TO BE TESTED.
- ALL SYSTEMS CABLING SHALL BE RUN IN FREE-AIR AND SUPPORTED ABOVE CEILINGS VIA J-HOOKS. J-HOOKS NOT TO EXCEED 5'-0" SPACING.
- THE CONTRACTOR SHALL PROVIDE NEW NOTIFICATION APPLIANCE (NAC) PANEL ON EACH FLOOR TO ACCOMMODATE NEW NOTIFICATION DEVICES. PANELS SHALL BE LOCATED IN ACCESSIBLE CLOSET SPACE ON ASSOCIATED FLOOR, COORDINATE EXACT PANEL LOCATION WITH OWNER PRIOR TO INSTALLATION. SERVE NEW NAC PANEL FROM NEAREST AVAILABLE 120VAC PANELBOARD SOURCE WITH (2) # 12, # 12 G IN 1/2" EMT CONDUIT. CIRCUIT LENGTHS EXCEEDING 100' SHALL BE WITH #10 AWG. PROVIDE 20/1 CIRCUIT BREAKER IN AVAILABLE PANEL SPACE AND ASSOCIATED "BREAKER ON" LOCK. NEW CIRCUIT BREAKER SHALL BE U.L. LISTED AND MATCH EXISTING PANEL INTERRUPTING RATING.
- INITIATION DEVICES SHOWN SHALL NOT BE LOCATED IN A DIRECT AIRFLOW PATH OR CLOSER THAN 3' OF AN AIR SUPPLY DIFFUSER OR RETURN AIR GRILLE.
- FIRE ALARM CABLING RUN EXPOSED IN UNFINISHED AREAS SHALL BE INSTALLED IN EMT CONDUIT AND PAINTED TO MATCH EXISTING WALL/CEILING FINISH. HORIZONTAL RUNS THROUGH WALLS AND VERTICAL RUNS THROUGH FLOORS SHALL BE SLEEVED IN EMT CONDUIT AND FIRE CAULKED. ALL FIRE ALARM CABLING RUN EXPOSED IN FINISHED SPACES SHALL BE INSTALLED IN 500 SERIES STEEL WIREMOLD. IVORY IN COLOR.

KEY NOTES:

- PROVIDE 20 AMP, GFCI DUPLEX RECEPTACLE WITH WEATHERPROOF WHILE IN USE COVER SECURED TO SIDE OF UNIT (MOUNT AT MINIMUM 36" ABOVE ROOF). COORDINATE EXACT MOUNTING LOCATION ON UNIT WITH MECHANICAL CONTRACTOR. ROUTE POWER CIRCUIT ALONG WITH HVAC PIPING FOR A COMMON ROOF PENETRATION. ANY POWER CONDUIT ROOF PENETRATION REQUIRED DUE TO IMPROPER COORDINATION WITH MECHANICAL CONTRACTOR WILL BE RESPONSIBILITY OF THIS CONTRACT.
- MOUNT DISCONNECT SWITCH FURNISHED BY MECHANICAL CONTRACTOR TO SIDE OF UNIT (MINIMUM 36" ABOVE ROOF). COORDINATE EXACT MOUNTING LOCATION ON UNIT WITH MECHANICAL CONTRACTOR. ROUTE POWER CIRCUIT(S) ALONG WITH HVAC PIPING FOR A COMMON ROOF PENETRATION. ANY POWER CONDUIT(S) ROOF PENETRATION REQUIRED DUE TO IMPROPER COORDINATION WITH MECHANICAL CONTRACTOR WILL BE RESPONSIBILITY OF THIS CONTRACT.



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PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

Project Address

40 ROMER AVE, PLEASANTVILLE, NY 10570

Multiple Building Names

68-06-19-03-0-01-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONERS' REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE OBSERVATION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO SIGN OR BE RESPONSIBLE FOR ANY DESIGN OR DRAWING THAT IS PREPARED OR USED IN THE PRACTICE OF ARCHITECTURE, ENGINEERING OR LAND SURVEYING. THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR IS A TRUSTED SEAL. ANY PARTIAL SIGNATURE TO THE SEAL, THEREAFTER, AND THE SIGNATURE, WHEN FOLLOWED BY THE SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued
10/21/22
Scale
AS INDICATED
Project Status
BID SUBMISSION
Drawn By
MAY
Checked By
JAS
Drawing Title
Drawing Number

ROOF POWER & SYSTEMS PLAN

Drawing Number

PMS
E202



Project Number
15131.07
Client Name

Project Name

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

Multiple Building Names

66-08-07-03-0-001-01

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IF IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE

SHEET INFORMATION

Issued	Scale
10/21/22	AS INDICATED

Project Status

BID SUBMISSION

Crown By

MAY

Drawing Title

LOWER LEVEL ELECTRICAL
CEILING PLAN

Drawing Number

PMS
E300

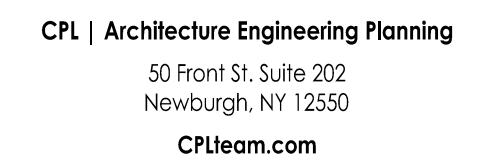


GENERAL NOTES:

- A. ALL LIGHT FIXTURES (UNLESS OTHERWISE NOTED) TO BE CONNECTED TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW LIGHT FIXTURES.

KEY NOTES:

- ① REINSTALL EXISTING STORED CEILING LIGHTING FIXTURES AND ELECTRICAL DEVICES INDICATED ON OR INTO INSTALLED CEILING WITHIN ROOM OR CORRIDOR(S) UNLESS OTHERWISE NOTED. RECONNECT ALL EXISTING TAGGED WIRING FOR REUSE TO FIXTURES AND DEVICES.



Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name:

Project Address

40 ROMER AVE. PLEASANTVILLE, NY 10570

Multiple Building Name

66-08-07-(00-001-01)

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IF AS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY, IF AN ITEM, BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE

SHEET INFORMATION

Issued	Scale
10/21/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
MAY	JAS
Drawing Title	

UPPER LEVEL ELECTRICAL CEILING PLAN

Drawing Number

PMS
E301



- A. FIXTURE TYPE MARK IS INDICATED ADJACENT TO NEW LIGHT FIXTURES. REFER TO LUMINAIRE SCHEDULE ON DRAWING PMS-E900 FOR FIXTURE DESCRIPTIONS AND NOTES.
- B. INSTALL NEW SWITCHING AND LOW-VOLTAGE SENSORS AS SHOWN. PROVIDE ALL LOW-VOLTAGE WIRING BETWEEN SENSORS, SWITCHES, CONTROLLERS, AND LUMINAIRES.
- C. PROVIDE ANY ADDITIONAL POWER SUPPLIES OR OTHER MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE OPERATION LIGHTING SYSTEM TO MEET INTENT OF LIGHTING SEQUENCE OF OPERATION AS SHOWN.
- D. ALL FIXTURES INDICATED WITH "EM" DESIGNATION SHALL HAVE EMERGENT BATTERY BACKUP.
- E. ALL NEW LIGHT FIXTURES (UNLESS OTHERWISE NOTED) TO BE CONNECTED TO EXISTING TAGGED CIRCUITRY. REWORK/EXTEND CIRCUITRY AS NECESSARY TO ACCOMMODATE NEW LIGHT FIXTURES.
- F. ALL OCCUPANCY SENSORS SHALL BE MOUNTED WITHIN ROOM TO OBTAIN MAXIMUM COVERAGE (EXCEPT INTEGRATED INTO FIXTURES). REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE ALL POWER PACKS, AND ASSOCIATED WIRING AND ACCESSORIES AS REQUIRED.
- G. NEW LIGHTING CONTROLS SHOWN (OCCUPANCY SENSORS, INTERIOR PHOTOCELLS, SWITCHES ETC. SHALL BE LOW VOLTAGE DEVICES. PROVIDE ALL ASSOCIATED CONTROL UNITS, POWER PACKS AND WIRING AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.

- 1 REINSTALL EXISTING STORED CEILING LIGHTING FIXTURES AND ELECTRICAL DEVICES INDICATED ON OR INTO INSTALLED CEILING WITHIN ROOM OR CORRIDOR(S) UNLESS OTHERWISE NOTED. RECONNECT ALL EXISTING TAGGED WIRING FOR REUSE TO FIXTURES AND DEVICES.
- 2 REINSTALL STORED WIRELESS ACCESS POINT DEVICE TO REPLACEMENT CEILING GRID. COORDINATE WITH OWNER'S IT DEPARTMENT.
- 3 PROVIDE 2#12 AWG, 1#12 AWG EGC IN 3/4" CONDUIT TO EXTEND AND CONNECT TO EXISTING TAGGED LIGHTING BRANCH CIRCUIT HOMERUN SERVING PANEL.
- 4 PROVIDE LOW VOLTAGE 4-BUTTON DIMMING SWITCH WITH ON/OFF AND RAISE/LOWER BUTTONS, UNLESS OTHERWISE NOTED.
- 5 CONNECT ALL FIXTURES WITHIN DAYLIGHT ZONE (WITHIN 8' OF WINDOWS) TO ROOM PHOTOCELL/DAYLIGHT SENSOR/PROGRAM TO ADJUST/DIM THE FIXTURES WITHIN ZONE BASED ON DAYLIGHT CONTRIBUTION. FIXTURES SHALL BE SET TO MAINTAIN 50 FOOT CANDLES (FC).
- 6 PROVIDE 12/2 MC CABLE TO CONNECT FIXTURE TO FIXTURE WITHIN ROOM AND TO LIGHTING POWER SUPPLY RELAY.

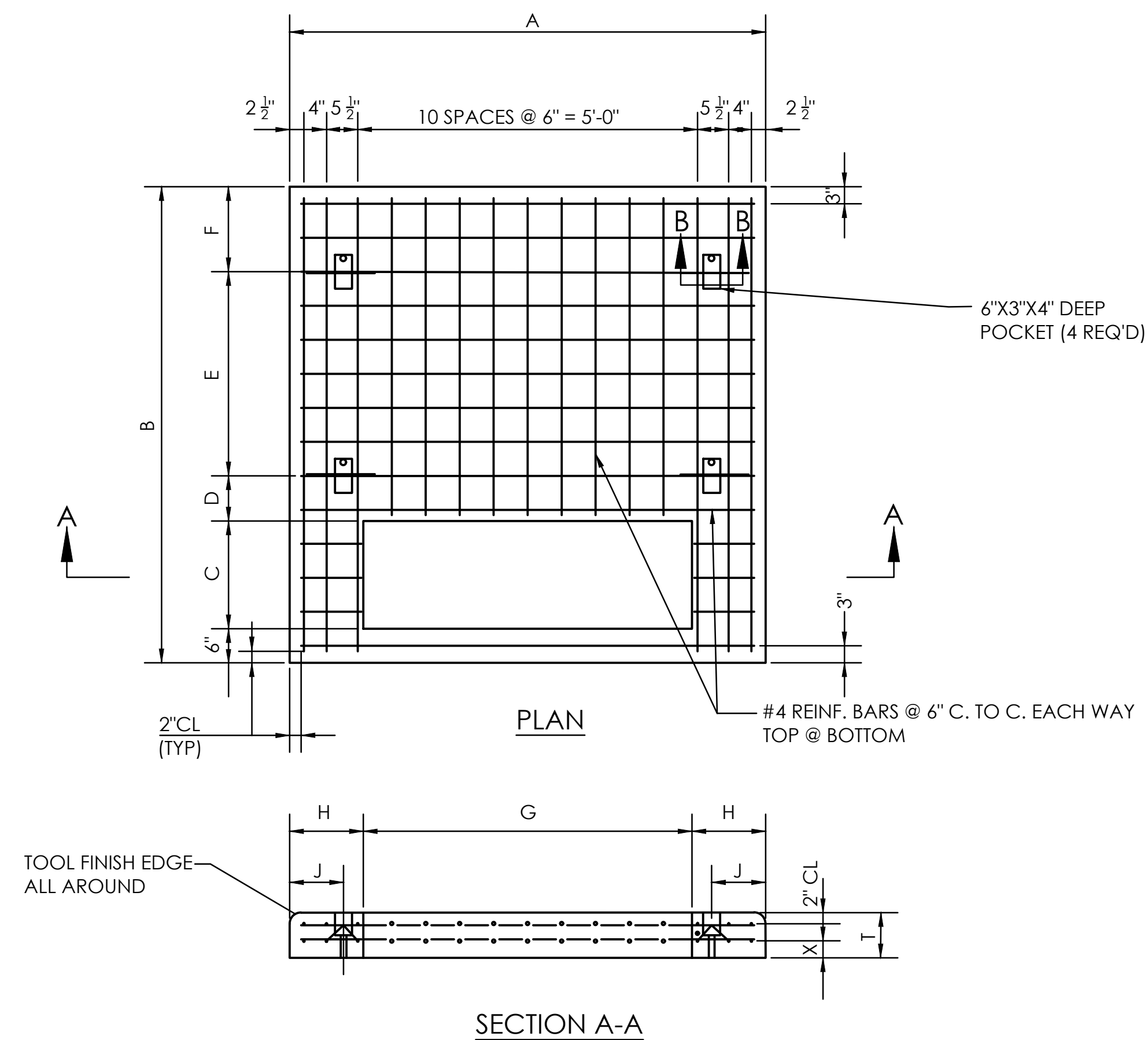


TABLE																
THREE PHASE TRANSFORMER		CONCRETE PAD TYPE OF INSTALLATION	DIMENSION (INCHES)											APPROX. CONC. VOL (CU. YDS.)	APPROX. PRECAST PAD WEIGHT (LBS.)	
SIZE (KVA)	PRIMARY VOLTAGE		A	B	C	D	E	F	G	H	J	T	X		REIN#	PAD
75-500	4KV & 13KV	FIELD POURED	84	72	19	---	---	44	20	---	8 1/2	3	0.95	---	---	
		PRECAST	84	72	19	8	30	9	44	20	12	7 1/2	2	0.84	212	3395
	27KV	FIELD POURED	84	72	22	---	---	---	44	20	---	8 1/2	3	0.93	---	---
		PRECAST	84	72	22	8	27	9	44	20	12	7 1/2	2	0.82	207	3308
1000	4KV & 13KV	FIELD POURED	84	84	19	---	---	58	13	---	8 1/2	3	1.08	---	---	
		PRECAST	84	84	19	8	36	15	58	13	10	7 1/2	2	0.96	233	3876
	27KV	FIELD POURED	84	84	22	---	---	---	58	13	---	8 1/2	3	1.05	---	---
		PRECAST	84	84	22	8	33	15	58	13	10	7 1/2	2	0.93	226	3767
2000 & 2500	4KV & 13KV	FIELD POURED	102	84	22	---	---	60	21	---	11	3	2	---	---	

- 1- DRIVE A 10-FOOT, 5/8" DIA. GROUND ROD AT THE LEFT SIDE OF THE TRANSFORMER TANK GROUND PAD, AS SHOWN ON THE DRAWING. INSTALL A SECOND 10 FEET, 5/8" DIA. GROUND ROD AT A DISTANCE OF MINIMUM 6'-0" AWAY FROM THE FIRST ROD ON THE RIGHT HAND SIDE. INSTALL THE SECOND ROD IN A NEARBY CABLE TRENCH, IF IT IS NOT POSSIBLE TO INSTALL BELOW THE TRANSFORMER. CONNECT BOTH RODS TO THE TRANSFORMER PAD WITH #2 EPR COPPER CABLE OR BARE COPPER, WHICHEVER IS AVAILABLE. TAKE THE FINAL RESISTANCE MEASUREMENTS OF ALL THE RODS CONNECTED IN PARALLEL, USING APPROVED CLAMP TYPE GROUND TESTER. IF THE RESISTANCE EXCEEDS 25 OHMS, INFORM THE SPECIFYING ENGINEER OR DISTRIBUTION ENGINEERING.
- 2- REMEMBER, THE GROUND RESISTANCE IS TO BE MEASURED ONLY AFTER GROUND RODS ARE CONNECTED TO SYSTEM NEUTRAL. IF THE GROUND RODS CANNOT BE DRIVEN TO THEIR FULL DEPTH, DUE TO ROCK TERRAIN ETC., DRIVE THEM AS DEEP AS POSSIBLE.
- 3- VERIFY ALL CONNECTIONS ARE SECURE AND TIGHT.
- 4- INSTALL GROUND CLAMP (STOCK NO. 571-0959) ON THE GROUND PAD IN ACCORDANCE WITH EO-16898-B AT THE LOCATIONS WHERE ELBOW TYPE ARRESTER(S) SHALL BE INSTALLED.

ROADWAYS

1-1/2" ASPHALT TOP COURSE
2-1/2" ASPHALT BINDER COURSE
EXTEND PAVEMENT REPLACEMENT MIN. 12" BEYOND TRENCH
SAW CUT PAVEMENT

6" TOP SOIL, GRADE AND SEED

3000 PSIG CONCRETE

MARKER TAPE LABELED "DANGER: BURIED ELECTRICAL LINE"

IF WET OR UNSTABLE CONDITIONS, OR IF IN ROCK, BED WITH WASHED COARSE SAND 6" MINIMUM BENEATH CONDUIT, AS DIRECTED BY ENGINEER

ROCK

12" MINIMUM

12" MINIMUM

UNDISTURBED EARTH

NON-TRAFFIC AREA

PVC CONDUIT SCHEDULE 40 WITH NYLON PULLWIRE (TYPICAL OF 6)

3000 PSI CONCRETE

FINISHED GRADE OR ASPHALT

BACKFILL

MARKER TAPE LABELED "DANGER: BURIED ELECTRICAL LINE" - 11" BELOW GRADE

24"

6"

3" MIN.

3" MIN.

#6 REBAR (TYP. OF 6)

PLASTIC CRADLES

REBAR PLACEMENT STRAP

EARTH

COMPRESSED BEDDING

6" MIN.

3" MIN.

3" MIN.

6" MIN.

NOTES:

- 1) ALL MATERIAL PLACED IN GRAVEL/ROADWAY AREAS SHALL BE COMPACTED IN MAXIMUM 6" LIFTS.
- 2) THIS TRENCH DETAIL SHALL INCLUDE THE REQUIREMENTS COMMON TO MORE THAN ONE SECTION OF DIVISION 2 OF THE SPECIFICATIONS.

1. WHERE PRACTICAL, INSTALL PAD SO THE TRANSFORMER WILL FACE (BE ACCESSIBLE FROM) THE STREET.
2. REFER TO EO-6242 FOR PAD LOCATION AND CLEARANCES FROM BUILDINGS, WINDOWS, DOORWAYS AND BARRIER WALLS.
3. REFER TO EO-16696-0 FOR PAD CLEARANCE FROM PLANTS.
4. INSTALL GROUND RODS IN ACCORDANCE WITH EO-12818 INSTRUCTIONS.
5. CONSULT WITH VAULT AND BUS DESIGN GROUP FOR POSSIBLE PAD DESIGN MODIFICATIONS IN FLOOD ZONES AND AREAS WITH UNSTABLE SOIL.
6. FOR PADS LOCATED WITHIN NEW YORK CITY, REVIEW NYC DOT.
7. ([HTTP://STREETWORKSMANUAL.NYC/APPENDICES/APPENDIXB#4](http://STREETWORKSMANUAL.NYC/APPENDICES/APPENDIXB#4))

1. REINFORCE BARS SHALL BE WIRE TIED AT ALL CONTACT POINTS WITH PLASTIC COATED WIRE TIES.
2. ALL REINFORCE BARS SUPPORTED FROM FRAMEWORK SHALL REST ON COATED WIRE BAR SUPPORTS.
3. EPOXY COATING, DAMAGED AS A RESULT OF HANDLING OR CUTTING OF REINFORCING BARS, SHALL BE REPAIRED WITH PATCHING MATERIAL CONFORMING TO ASTM SPEC. DES A-775.
4. A 2" MINIMUM OF CONCRETE SHALL BE MAINTAINED OVER ALL REINFORCING BARS AND SHAPES, UNLESS OTHERWISE NOTED.
5. WHERE MAIN HORIZONTAL BARS ARE CUT FOR REPLACEMENT PURPOSES, SPLICE BARS OF THE SAME SIZE AND AT LEAST 2'-6" LONG SHALL BE INSTALLED ACROSS THE CUT POSITION.
6. PAD SHALL BE INSTALLED ON A MINIMUM OF 6" CRUSHED STONE.
7. TOP SURFACE OF PAD SHALL HAVE A STEEL TROWEL FINISH.
8. TOP OF PAD SHALL BE 6" ABOVE GRADE.
9. OMIT LIFTING EYES, POCKETS AND DRAIN HOLES FROM FIELD-POURED PADS.
10. FOR PRECAST PADS, FILL LIFTING HOLES AND OPEN AREAS AROUND CONDUITS WITH MORTAR AFTER PAD IS INSTALLED.

1. CONCRETE SHALL CONFORM TO CON. EDISON SPEC. EO-1008, CLASS II.
2. CEMENT MORTAR SHALL CONFORM TO CON. EDISON SPEC. EO-100, 167 (STK # 000-0802).
3. ALL REINFORCING BARS SHALL BE BILLET STEEL, DEFORMED, AND SHALL CONFORM TO ASTM SPEC. A-775.
4. STRUCTURAL STEEL SHALL CONFORM TO ASTM SPEC. A-36.
5. WELD STRUCTURAL STEEL MEMBERS IN ACCORDANCE WITH EO-11320.

1. INSTALLATION GUIDE FOR OIL-FILLED PADMOUNT TRANS. - EO-6242.
2. NEAR A BUILDING FOR PLANTING AROUND TRANS. PADS - EO-16696-B.
3. INSTALLATION OF PAD AND CONDUIT - DETAIL 1/E801 [EO-12482-B].
4. THREE PHASE, METAL ENCLOSED PAD MOUNTED XFOMERS - EO-5015.
5. REQUIREMENTS FOR THE INSTALLATION OF SINGLE AND THREE PHASE PAD MOUNTED TRANSFORMERS - EO-6229.
6. GROUNDING FOR PAD-MOUNTED TRANSFORMERS AND SWITCHES - EO-12181-B.
7. THIS DWG. SUPERCEDES DWG. EO-12180, EO-12541, EO-13757-C.

1
E800

CON. EDISON TRANSFORMER PAD DETAIL

SCALE: NOT TO SCALE



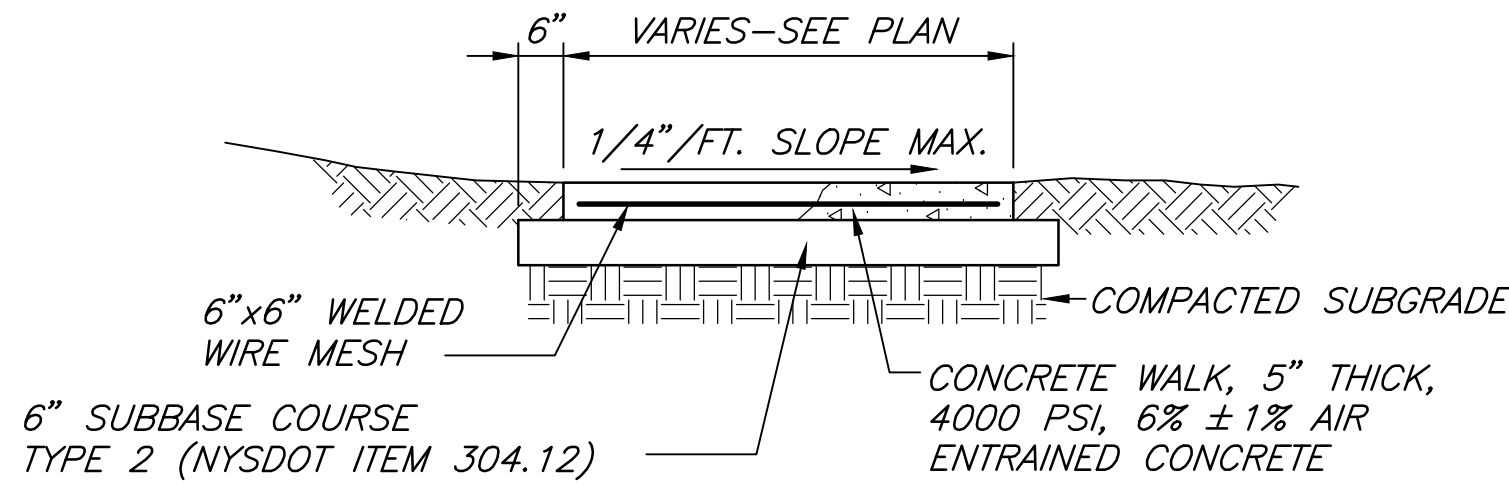
NEW YORK STATE EDUCATION STATEMENT

IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY. IF AN ITEM BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED, THE ALTERING PARTY SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

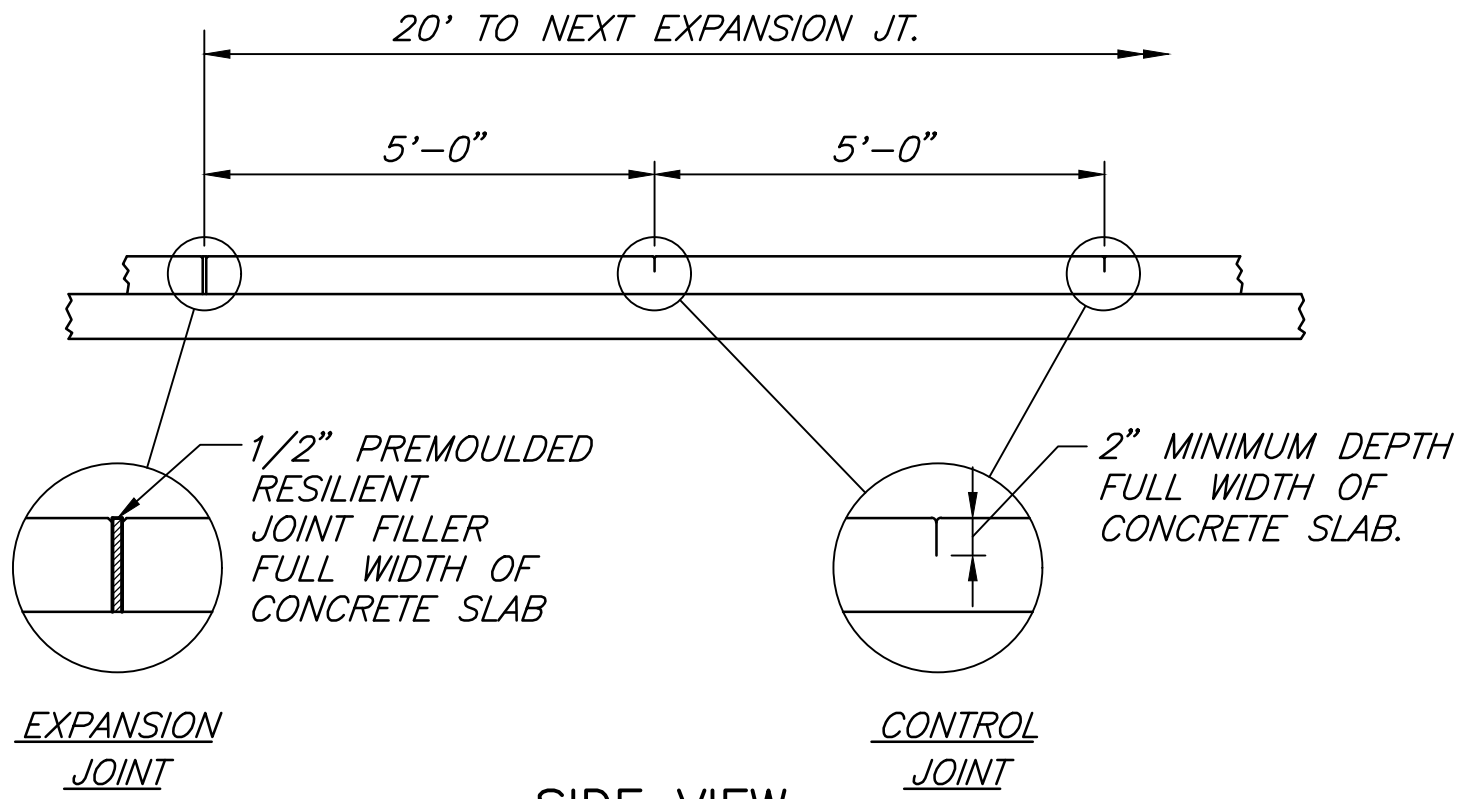
Issued	Scale
10/21/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
JAS	JAS
Drawing Title	

Drawing Number

PMS
E800

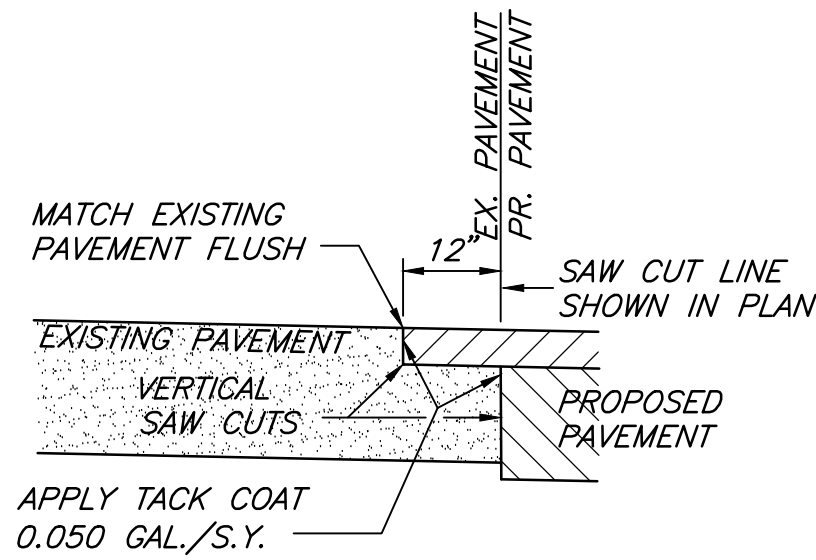


CROSS-SECTIONAL VIEW



SIDE VIEW

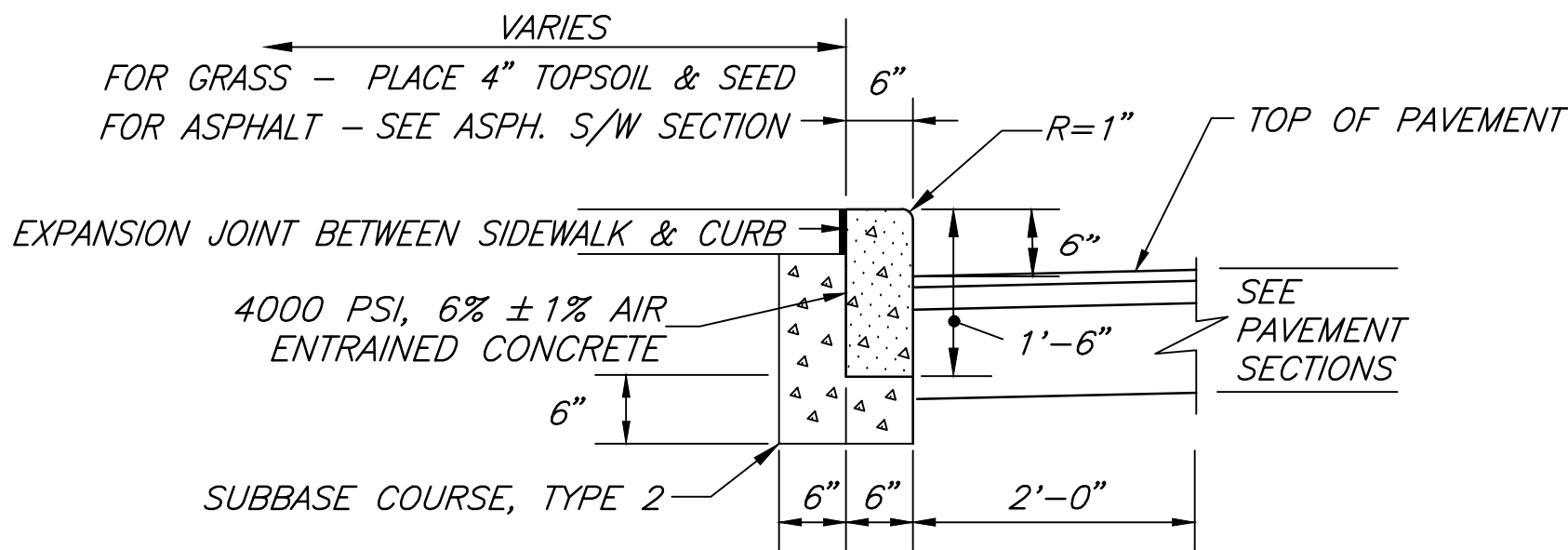
CONCRETE SIDEWALK DETAIL
N.T.S.



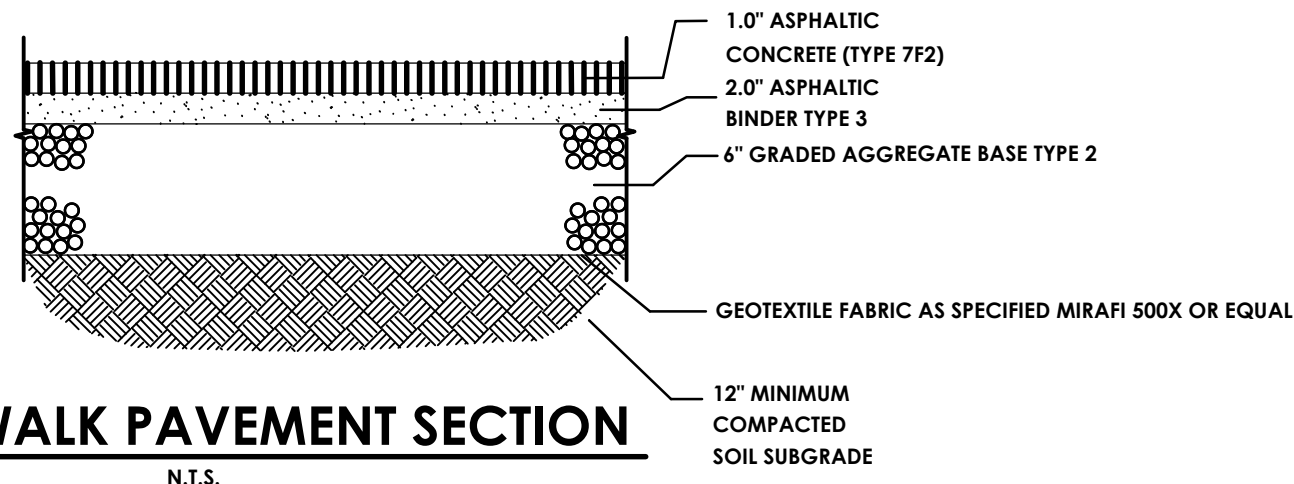
PAVEMENT JOINT DETAIL

CONCRETE CURB EXPANSION/CONTRACTION JOINTS:

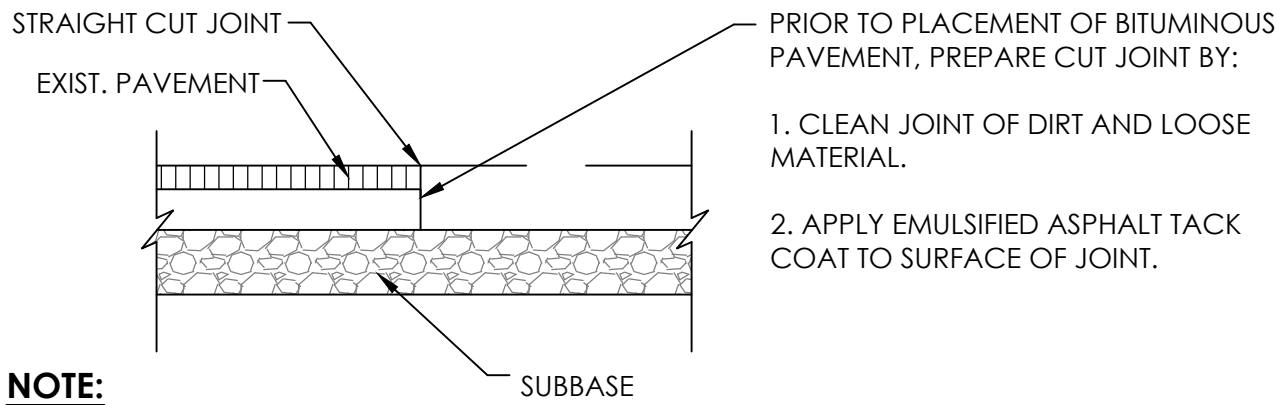
- CONTRACTION JOINTS SHALL BE FORMED OR SAWCUT EVERY 10 FEET TO DEPTHS SLIGHTLY BELOW THE PAVEMENT SURFACE.
- EXPANSION JOINTS 3/4 INCH IN WIDTH SHALL BE FORMED WITH A PREMOULDED RESILIENT JOINT FILLER EVERY 40 FEET.
- SLOPE TOP OF CURB 1/8" PER FOOT TOWARD PAVEMENT.
- EXPANSION JOINTS AND FORMED CONTRACTION JOINTS ARE TO BE EDGED WITH CONCRETE FINISHING TOOLS.
- CONCRETE SEALING AGENT SHALL BE APPLIED THE SAME DAY THAT CURBS ARE CONSTRUCTED.



CONCRETE CURB DETAIL
N.T.S.



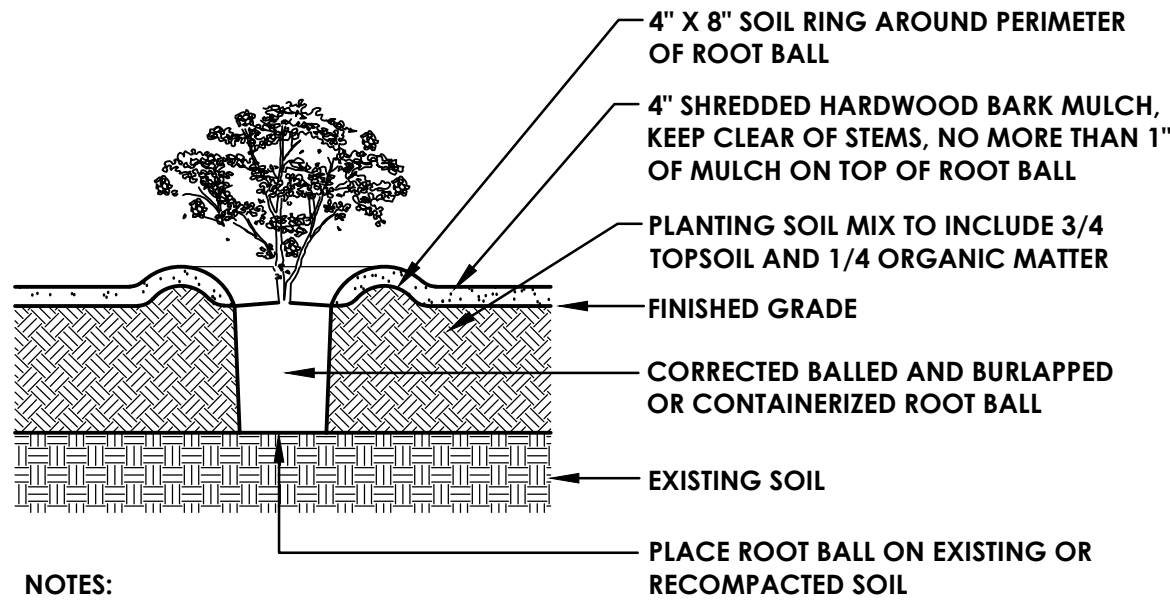
ASPHALT WALK PAVEMENT SECTION
N.T.S.



NOTE:

- NYSDOT ITEM NO. 418.7603, ASPHALT PAVEMENT JOINT SEALANT, SHALL BE APPLIED TO ALL JOINTS IN THE TOP COURSE OF ASPHALT.

TYPICAL SAW CUT DETAIL
N.T.S.



NOTES:

- DO NOT HEAVILY PRUNE SHRUBS AT PLANTING. PRUNE ONLY CROSSOVER LIMBS, CO-DOMINANT LEADERS, AND BROKEN OR DEAD BRANCHES. SOME INTERIOR TWIGS AND LATERAL BRANCHES MAY BE PRUNED, HOWEVER, DO NOT REMOVE THE TERMINAL BUDS OF BRANCHES THAT EXTEND TO THE EDGE OF THE CROWN.
- PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND THE ROOT BALL IN 6" LIFTS TO BRACE SHRUB. DO NOT OVER COMPACT. WHEN PLANTING HOLE HAS BEEN BACKFILLED POUR WATER AROUND THE ROOT MASS TO SETTLE THE SOIL.
- ROOT BALLS OF BOTH CONTAINERIZED AND BALLED AND BURLAPPED PLANTS SHALL BE CORRECTED PRIOR TO PLANTING PER THE ROOT BALL CORRECTION DETAILS.

SHRUB - CONTAINER
N.T.S.



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CPLteam.com

PROJECT INFORMATION

Project Number
15131.07
Client Name

PLEASANTVILLE UFSD

Project Name

PMS HVAC REPLACEMENT

Project Address

40 ROMER AVE, PLEASANTVILLE, NY 10570

Multiple Building Names

15-02-02-001-017

PROJECT ISSUE & REVISION SCHEDULE

No. Date Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND THE COMPROMISES
REGARDING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR TO SIGN OR SEAL ANY DRAWING OR SPECIFICATION
DRAWING OR SPECIFICATION OF AN ARCHITECT, ENGINEER OR SURVEYOR IF THE SEALING OF THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS ALTERED OR THE SEALING OF THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS FOLLOWED BY
THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE
ALTERATION.

SHEET INFORMATION

Issued
10/21/22
Scale
AS SHOWN

Project Status

BID SUBMISSION

Drawn By
JAS

Checked By
JAS

Drawing Title

ELECTRICAL DETAILS

Drawing Number

PMS
E802

Plotted By: James Schleicher

Date last plotted: 10/20/2022 11:42 AM

Date last accessed: 10/18/2022 4:09 PM

Sheet Size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMs HVAC\0 Design\06 CAD\ACAD\ELEC\E802.dwg

Plotted By: James Schleicher

Date last plotted: 10/20/2022 11:43 AM

Date last accessed: 10/19/2022 1:43 PM

Sheet Size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PM6 HVAC\0 Design\06 CAD\ACAD\ELEC\EXP900.dwg

ELECTRICAL EQUIPMENT WIRING SCHEDULE											
ITEM NUMBER	EQUIPMENT	ROOM NUMBER	HP/FLA	VOLTS	PHASE	AMPS	BREAKER SIZE/FUSE SIZE	WIRE/CONDUIT SIZE	PANEL/CCT	REMARKS/DWG	
1	SSI-1	SCIENCE 115	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/1, 3	2, 3	PMS E200
2	SSI-2	SCIENCE 114	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/1, 3	2, 3	PMS E200
3	SSI-3	RESOURCE 113	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS E200
4	SSI-4	OT/PT 112	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS E200
5	SSI-5	HOME SKILLS 109A	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC1/1, 3	2	PMS E200
6	SSI-6	CLASSROOM 118	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/5, 7	2	PMS E200
7	SSI-7	CLASSROOM 117	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/5, 7	2	PMS E200
8	SSI-8	CLASSROOM 116	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/5, 7	2, 3	PMS E200
9	SSI-9	CLASSROOM 111	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/5, 7	2	PMS E200
10	SSI-10	CLASSROOM 110	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS E200
11	SSI-11	CLASSROOM 109B	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC1/1, 3	2	PMS E200
12	SSI-12	CLASSROOM 108	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS E200
13	SSI-13	RESOURCE 106	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS E200
14	SSI-14	CLASSROOM 103	-	208	1	1.10A	15A/2P	(2) #12, #12G IN 3/4"C	AC1/2, 4	2	PMS E200
15	SSI-15	MUSIC 104	-	208	1	0.29A	15A/2P	(2) #12, #12G IN 3/4"C	AC1/2, 4	2	PMS E200
16	SSI-16	WORK ROOM 105A	-	208	1	4.83A	15A/2P	(-2) #12, #12G IN 3/4"C	AC1/1, 3	2, 3	PMS E200
17	SSI-17	COMPUTER LAB 107	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC1/1, 3	2	PMS E200
18	SSI-18	OFFICE 265	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2	PMS E201
19	SSI-19	CLASSROOM 219	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2, 3	PMS E201
20	SSI-20	CLASSROOM 218	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2, 3	PMS E201
21	SSI-21	CLASSROOM 217	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/5, 7	2, 3	PMS E201
22	SSI-22	CLASSROOM 216	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/5, 7	2, 3	PMS E201
23	SSI-23	CLASSROOM 220	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/2, 4	2	PMS E201
24	SSI-24	NURSE'S OFFICE 247	-	208	1	0.76A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/2, 4	2	PMS E201
25	SSI-25	CLASSROOM 215	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/10, 12	2, 3	PMS E201
26	SSI-26	CLASSROOM 214	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/10, 12	2, 3	PMS E201
27	SSI-27	CLASSROOM 213	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/13, 15	2, 3	PMS E201
28	SSI-28	ART ROOM 212	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/13, 15	2, 3	PMS E201
29	SSI-29	RESOURCE 211	-	208	1	0.51A	15A/2P	(-2) #12, #12G IN 3/4"C	AC3/1, 3	2	PMS E201
30	SSI-30	SCIENCE 210	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/2, 4	2, 3	PMS E201
31	SSI-31	SCIENCE 209	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/2, 4	2, 3	PMS E201
32	SSI-32	PSYCH 242	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2	PMS E201
33	SSI-33	CLASSROOM 221	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2, 3	PMS E201
34	SSI-34	CLASSROOM 222	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2, 3	PMS E201
35	SSI-35	CLASSROOM 223	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/6, 8	2, 3	PMS E201
36	SSI-36	CLASSROOM 224	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/6, 8	2, 3	PMS E201
37	SSI-37	CLASSROOM 225	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/6, 8	2, 3	PMS E201
38	SSI-38	CLASSROOM 208	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2, 3	PMS E201
39	SSI-39	CLASSROOM 207	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2, 3	PMS E201
40	SSI-40	PRINCIPAL 225A	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/10, 12	2	PMS E201
41	SSI-41	CONF. 212A	-	208	1	1.10A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2	PMS E201
42	SSI-42	CLASSROOM 206	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2, 3	PMS E201
43	SSI-43	CLASSROOM 205	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/6, 8	2, 3	PMS E201
44	SSI-44	CLASSROOM 204	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/6, 8	2, 3	PMS E201
45	SSI-45	CLASSROOM 203	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/9, 11	2, 3	PMS E201
46	SSI-46	CLASSROOM 202	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/9, 11	2, 3	PMS E201

ELECTRICAL EQUIPMENT WIRING SCHEDULE REMARKS:

1. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE MOUNTING, AND LINE/LOAD SIDE CONNECTIONS OF DISCONNECT AND/OR STARTER DEVICE ASSOCIATED WITH UNIT. MEANS OF DISCONNECT AND/OR STARTER ASSOCIATED WITH UNIT FURNISHED BY MECHANICAL CONTRACTOR UNLESS OTHERWISE NOTED. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL FINAL CONNECTIONS TO EQUIPMENT.
2. EC TO PROVIDE (1) 15 AMP, 240 VOLT, 2-POLE SNAP SWITCH AT EACH UNIT LOCATED ABOVE ACCESSIBLE CEILING NEAR UNIT FOR LOCAL NEC UNIT DISCONNECTING MEANS.
3. PROVIDE FIRE ALARM FAN SHUT DOWN RELAY AT EACH UNIT INDICATED AND CONNECT TO NEW FIRE ALARM SYSTEM PANEL.
4. PROVIDE FIRE ALARM UNIT SHUTDOWN VIA DUCT DETECTORS LOCATED ON DRAWING PM6 E201.

LUMINAIRE SCHEDULE									
MARK	DESCRIPTION	DESIGN MAKE	MODEL #	VOLTS	LAMP			REMARKS	
					LUMEN	WATTS	KALVEN COLOR		
A	2X4 LED RECESSED CURVE CENTER RIB DIRECT FIXTURE	COLUMBIA LIGHTING	LCA124-935LWG-ED1U	UNV	3800	36	3500K		
A EM	2X4 LED RECESSED CURVE CENTER RIB DIRECT FIXTURE WITH EMERGENCY BATTERY BACKUP	COLUMBIA LIGHTING	LCA124-935LWG-ED1U-ELL14ST	UNV	3800	36	3500K		

ELECTRICAL EQUIPMENT WIRING SCHEDULE (CONTINUED)											
ITEM NUMBER	EQUIPMENT	ROOM NUMBER	HP/ FLA	VOLTS	PHASE	AMPS	BREAKER SIZE/ FUSE SIZE	WIRE/CONDUIT SIZE	PANEL/CCT	REMARKS/DWG	
47	SSI-47	GUIDANCE 227	-	208	1	1.40A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/10, 12	2	PMS E201
48	SSI-48	GUIDANCE 229	-	208	1	1.40A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/10, 12	2	PMS E201
49	UV-1	CLASSROOM 104	-	120	1	6.3A	15A/1P	(2) #12, #12IG IN 3/4"C	AC1/5	3	PMS E200
50	UV-2	CLASSROOM 201	-	120	1	6.3A	15A/1P	(2) #12, #12IG IN 3/4"C	AC3/41	3	PMS E201
51	UV-3	CLASSROOM 200	-	120	1	6.3A	15A/1P	(2) #12, #12IG IN 3/4"C	AC3/41	3	PMS E201
52	DOAS-1	ROOF	-	208	3	176.4A	225A/3P	REFER TO DRAWING E001		1, 4	PMS E202
53	DOAS-2	ROOF	-	208	3	173.2A	200A/3P	REFER TO DRAWING E001		1, 4	PMS E202
54	DOAS-3	ROOF	-	208	3	160.8A	200A/3P	REFER TO DRAWING E001		1, 4	PMS E202
55	RTU-1	ROOF	-	208	3	57.8A	70A/3P	REFER TO DRAWING E001		1, 4	PMS E202
56	RTU-2	ROOF	-	208	3	57.8A	70A/3P	REFER TO DRAWING E001		1, 4	PMS E202
57A	SSO-1 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10IG IN 1"C	AC4/14, 16, 18	1	PMS E202
57B	SSO-1 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC4/20, 22, 24	1	PMS E202
58A	SSO-2 (PRIMARY)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC4/26, 28, 30	1	PMS E202
58B	SSO-2 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC4/32, 34, 36	1	PMS E202
58C	SSO-2 (SECONDARY2)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC4/38, 40, 42	1	PMS E202
59	SSO-3	ROOF	-	208	1	29.7A	30A/2P	(2) #8, #10IG IN 3/4"C	AC3/26, 28	1	PMS E202
60A	SSO-4 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10IG IN 1"C	AC4/17, 19, 21	1	PMS E202
60B	SSO-4 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC4/23, 25, 27	1	PMS E202
61A	SSO-5 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10IG IN 3/4"C	AC3/14, 16, 18	1	PMS E202
61B	SSO-5 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC3/20, 22, 24	1	PMS E202
62A	SSO-6 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10IG IN 1"C	AC3/35, 37, 39	1	PMS E202
62B	SSO-6 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC3/38, 40, 42	1	PMS E202
63A	SSO-7 (PRIMARY)	ROOF	-	208	3	41A	50A/3P	(3) #4, #8IG IN 1"C	AC4/29, 31, 33	1	PMS E202
63B	SSO-7 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #4, #8IG IN 1"C	AC4/35, 37, 39	1	PMS E202
64	SSO-8	ROOF	-	208	1	29.7A	30A/2P	(2) #6, #8IG IN 1"C	AC3/25, 27	1	PMS E202
65	SSO-9	ROOF	-	208	3	50A	60A/3P	(3) #4, #8IG IN 1"C	AC3/29, 31, 33	1	PMS E202
66A	SSO-10 (PRIMARY)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC3/13, 15, 17	1	PMS E202
66B	SSO-10 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10IG IN 3/4"C	AC3/19, 21, 23	1	PMS E202
67	SSO-11	ROOF	-	208	3	55A	60A/3P	(3) #8, #10IG IN 3/4"C	AC3/32, 34, 36	1	PMS E202
68	VRF RB UNIT	CORRIDOR 152	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC2/1, 3	2	PMS-E200
69	VRF RB UNIT	CORRIDOR 152	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC2/2, 4	2	PMS-E200
70	VRF RB UNIT	CORRIDOR 136	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC2/5, 7	2	PMS-E200
71	VRF RB UNIT	CORRIDOR 116	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC1/1, 3	2	PMS-E200
72	VRF RB UNIT	CORRIDOR 116	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC1/2, 4	2	PMS-E200
73	VRF RB UNIT	CORRIDOR 250	-	208	1	0.25A	15A/2P	(2) #12, #12IG IN 3/4"C	AC4/1, 3	2	PMS-E201
74	VRF RB UNIT	CORRIDOR 250	-	208	1	2.62A	15A/2P	(2) #12, #12IG IN 3/4"C	AC4/1, 3	2	PMS-E201
75	VRF RB UNIT	CORRIDOR 250	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC4/9, 11	2	PMS-E201
76	VRF RB UNIT	ART STORAGE 221A	-	208	1	2.62A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/1, 3	2	PMS-E201
77	VRF RB UNIT	STORAGE 203	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/1, 3	2	PMS-E201
78	VRF RB UNIT	CORRIDOR 200A	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/5, 7	2	PMS-E201
79	VRF RB UNIT	CORRIDOR 200A	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/9, 11	2	PMS-E201
80	VRF RB UNIT	STORAGE 227A	-	208	1	1A	15A/2P	(2) #12, #12IG IN 3/4"C	AC3/10, 12	2	PMS-E201
81	EF-1	ROOF (CLASSRM 200 & 201)	-	120	1	3.8A	15A/1P	(2) #12, #12IG IN 3/4"C	AC3/43	1	PMS-E202
82	EF-2	ROOF (CORRIDOR 160)	-	120	1	4.1A	15A/1P	(2) #12, #12IG IN 3/4"C	AC1/6	1	PMS-E200

PANEL: SDP-C															
LOCATION: MECHANICAL 104A						EQUIPMENT SHORT CIRCUIT RATING: 45K AIC									
VOLTAGE: 120/208V						MAX AVAIL SHORT CIRCUIT CURRENT: -									
FED FROM: SDP-A						MAIN CIRCUIT BREAKER: MLO									
MOUNTING: SURFACE						MAIN BUS: 1200A									
LOCATION		P	AMP	LOAD-KVA				LOAD-KVA			AMP	P	LOCATION		
				AØ	BØ	CØ		AØ	BØ	CØ					
1	AC1	3	100		2.71				37.95			600	3	AC4	2
					1.97				37.78						
						2.06			38.71						
3	AC3	3	600		39.89				5.22						
						39.71			5.22			70	3	RTU-1	4
							37.68			5.22					
5	RTU-2	3	70		5.22										
						5.22						225	3	SPARE	6
							5.22								
9	SPARE	3	225									225	3	SPACE & BUS	10
11	SPACE & BUS	3	100									100	3	SPACE & BUS	12
TOTAL LOAD					47.82	46.90	44.96		43.17	43.00	43.93				
PROVIDE POWER DISTRIBUTION PANEL, SQUARE D I-LINE OR APPROVED EQUAL.															

PANEL: AC1														
LOCATION: STORAGE 136					EQUIPMENT SHORT CIRCUIT RATING: 22K AIC									
VOLTAGE: 120/208V					MAX AVAIL SHORT CIRCUIT CURRENT: -									
FED FROM: SDP-C					MAIN CIRCUIT BREAKER: MCB									
MOUNTING: SURFACE					MAIN BUS: 100A									
LOCATION	P	AMP	LOAD-KVA				LOAD-KVA			AMP	P	LOCATION		
			AØ	BØ	CØ		AØ	BØ	CØ					
1 SSI-5, 11, 16 & 17 (RMS, 109A, 109B, 107 & 105)	2	15	0.63				0.22			15	2	SSI-14 & 15 (RMS, 103 & 104)	2	
3								0.22						
5 UV-1 (CLASSRM, 104)	1	15		0.63					0.72	15	1	EF-2 (CORRIDOR 140)	4	
7 SPARE	1	20			0.60					20	1	SPARE	8	
9 SPARE	1	20								20	1	SPARE	10	
11 SPARE	1	20								20	1	SPARE	12	
13 SPARE	1	20										SPACE & BUS	14	
15 SPARE	1	20										SPACE & BUS	16	
17 SPACE & BUS												SPACE & BUS	18	
19 SPACE & BUS							1.86							
21 SPACE & BUS								1.12		50	3	PANEL AC2	22	
23 SPACE & BUS									0.74					
TOTAL LOAD			0.63	0.63	0.60		2.08	1.34	1.46					

PANEL: AC2														
LOCATION: STAGE 101C					EQUIPMENT SHORT CIRCUIT RATING: 22K AIC									
VOLTAGE: 120/208V					MAX AVAIL SHORT CIRCUIT CURRENT: -									
FED FROM: PANEL AC1					MAIN CIRCUIT BREAKER: MCB									
MOUNTING: SURFACE					MAIN BUS: 50A									
LOCATION	P	AMP	LOAD-KVA				LOAD-KVA			AMP	P	LOCATION		
			AØ	BØ	CØ		AØ	BØ	CØ					
1 SSI-1 & 2 (SCIENCE RMS, 115 & 114)	2	15	0.78				0.34			15	2	SSI-3, 4, 10, 12 & 13 (RMS, 113, 112, 110, 108 & 106)	4	
3								0.34						
5 SSI-6, 7, 8 & 9 (CLASSRMS, 118, 117, 116 & 111)	2	15		0.74						20	1	SPARE	6	
7										20	1	SPARE	8	
9 SPARE	1	20								20	1	SPARE	10	
11 SPARE	1	20								20	1	SPARE	12	
13 SPARE	1	20								20	1	SPARE	14	
15 SPARE	1	20										SPACE & BUS	16	
17 SPACE & BUS												SPACE & BUS	18	
19 SPACE & BUS												SPACE & BUS	20	
21 SPACE & BUS												SPACE & BUS	22	
23 SPACE & BUS												SPACE & BUS	24	
TOTAL LOAD			1.52	0.78	0.74		0.34	0.34	0.0					

PANEL: AC3														
LOCATION: DATA CLOSET #3 205A					EQUIPMENT SHORT CIRCUIT RATING: 22K AIC									
VOLTAGE: 120/208V					MAX AVAIL SHORT CIRCUIT CURRENT: -									
FED FROM: SDP-C					MAIN CIRCUIT BREAKER: MLO									
MOUNTING: SURFACE					MAIN BUS: 400A									
LOCATION	P	AMP	LOAD-KVA				LOAD-KVA			AMP	P	LOCATION		
			AØ	BØ	CØ		AØ	BØ	CØ					
1 SSI-29 (RESOURCE 211)	2	15	0.19				0.75			15	2	SSI-30 & 31 (SCIENCE RMS, 210 & 209)	2	
3								0.19						
5 SSI-38, 39, 41 & 42 (RMS, 208,207,212A & 206)	2	15		0.72					0.72					
7														
9 SSI-45 & 46 (CLASSRMS, 203 & 202)	2	15		1.50					1.50					
11														
13 SSI-10 (PRIMARY)	3	50		3.70					3.70					
15														
17 SSI-10 (SECONDARY1)	3	50		3.70					3.70					
19														
21 SSI-10 (SECONDARY1)	3	50		3.70					3.70					
23														
25 SSI-8	2	30	2.32				2.31			30	2	SSI-3	26	
27								2.31						
29										1.2	20	1	ROOF SSO GR RECEPTACLES	30
31 SSI-9	3	60	4.50				4.95			60	3	SSI-11	32	
33								4.95						
35 SSI-6 (PRIMARY)	3	60	4.50					4.95						
37														
39														
41 UV-2 (CLASSRM, 201) & UV-3 (CLASSRM 200)	1	20							3.70	50	3	SSI-4 (SECONDARY1)	40	
43 EF-1	1	15	0.73						3.70					
45 SPACE & BUS												SPACE & BUS	44	
47 SPACE & BUS												SPACE & BUS	46	
49 SPACE & BUS												SPACE & BUS	48	
51 SPACE & BUS												SPACE & BUS	50	
53 SPACE & BUS												SPACE & BUS	52	
TOTAL LOAD			20.36	20.41	19.82		20.33	20.10	18.66					

PANEL: AC4															
LOCATION: COMPUTER LAB 220					EQUIPMENT SHORT CIRCUIT RATING: 22K AIC										
VOLTAGE: 120/208V					MAX AVAIL SHORT CIRCUIT CURRENT: -										
FED FROM: SDP-C					MAIN CIRCUIT BREAKER: MLO										
MOUNTING: SURFACE					MAIN BUS: 400A										
LOCATION		P	AMP	LOAD-KVA			LOAD-KVA			AMP	P	LOCATION			
				AØ	BØ	CØ	AØ	BØ	CØ						
1	SSI-18, 19 & 20 (CLASSRMS, 218, 219 & 255)	2	15	0.63			0.44			15	2	SSI-23 & 24 (RM, 220 & NURSE 247)	2		
3				0.63			0.44							4	
5	SSI-21 & 22 (CLASSRMS, 216 & 217)	2	15		0.59			0.80				SSI-35, 36 & 37 (CLASSRMS, 223, 224 & 225)	8	6	
7				0.59			0.80							10	
9	SSI-32, 33 & 34 (CLASSRMS, 222 & 222 & PSYCH 242)	2	15		0.63			0.59		15	2	SSI-25 & 26 (CLASSRMS, 215 & 214)	12	8	
11					0.63			0.59						12	
13	SSI-27 & 28 (CLASSRMS, 213 & 212)	2	15		0.59			4.50						14	
15					0.59			4.50		40	3	SSO-1 (PRIMARY)	16	16	
17						4.50			4.50					18	
19	SSO-4 (PRIMARY)	3	60	4.50			3.70							20	
21					4.50			3.70				SSO-1 (SECONDARY1)	22	22	
23						3.70			3.70	50	3		24	24	
25	SSO-4 (SECONDARY1)	3	50	3.70			3.70						26	26	
27					3.70			3.70		50	3	SSO-2 (PRIMARY)	28	28	
29						3.70			3.70				30	30	
31	SSO-7 (PRIMARY)	3	50	3.70			3.70						32	32	
33					3.70			3.70		50	3	SSO-2 (SECONDARY1)	34	34	
35						3.70			3.70				36	36	
37	SSO-7 (SECONDARY1)	3	50	3.70			3.70						38	38	
39					3.70			3.70		50	3	SSO-2 (SECONDARY2)	40	40	
41	ROOF SSO GH RECEPTACLES	1	20			1.2			3.70				42	42	
43	SPACE & BUS											SPACE & BUS	44	44	
45	SPACE & BUS											SPACE & BUS	46	46	
47	SPACE & BUS											SPACE & BUS	48	48	
49	SPACE & BUS											SPACE & BUS	50	50	
51	SPACE & BUS											SPACE & BUS	52	52	
53	SPACE & BUS											SPACE & BUS	54	54	
TOTAL LOAD				17.41	17.45	18.02		20.54	20.33	20.49					