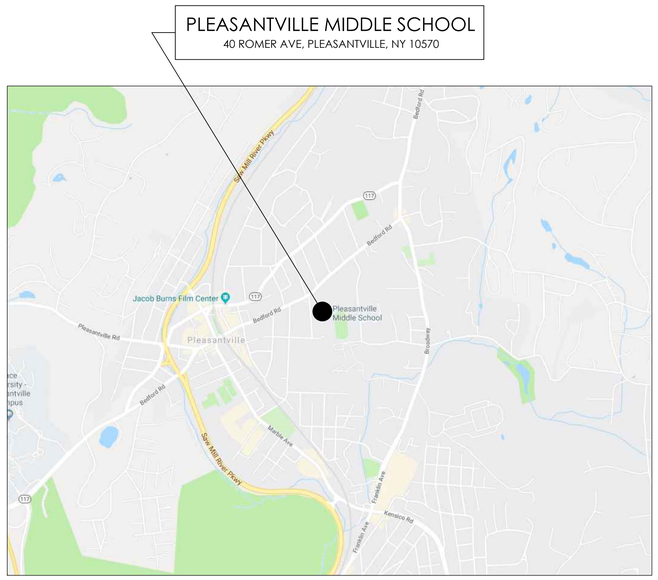
PLEASANTVILLE UFSD
MIDDLE SCHOOL HVAC REPLACEMENT
40 ROMER AVE. PLEASANTVILLE, NY 10570
PLEASANTVILLE MIDDLE SCHOOL

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.



LIST OF DRAWINGS

GENERAL:

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U002	OVERALL UPPER LEVEL CODE PLAN

ASBESTOS ABATEMENT:

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HZ102	UPPER LEVEL ABATEMENT PLAN
HZ103	ROOF ABATEMENT PLAN

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A100B	LOWER LEVEL DEMOLITION PLAN - AREA B
A100C	LOWER LEVEL DEMOLITION PLAN - AREA C
A101A	UPPER LEVEL DEMOLITION PLAN - AREA A
A101B	UPPER LEVEL DEMOLITION PLAN - AREA B
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A601A	UPPER LEVEL REFLECTED CEILING PLAN - AREA A
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A700	PARTIAL EXTERIOR ELEVATIONS AND DETAILS

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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

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
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H202	ROOF MECHANICAL NEW WORK PLAN
H300A	LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA A
H300B	LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA B
H301A	UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA A
H301B	UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA B
H301C	UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN - AREA C
H500	MECHANICAL CONTROLS DIAGRAM
H800	MECHANICAL DETAILS
H801	MECHANICAL DETAILS
H802	MECHANICAL DETAILS
H803	MECHANICAL DETAILS
H804	MECHANICAL DETAILS
H805	MECHANICAL DETAILS
H900	MECHANICAL SCHEDULES
H901	MECHANICAL SCHEDULES

ELECTRICAL

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E200	LOWER LEVEL POWER & SYSTEMS PLAN
E201	UPPER LEVEL POWER & SYSTEMS PLAN
E202	ROOF POWER AND SYSTEMS PLAN
E300	LOWER LEVEL ELECTRICAL CEILING PLAN
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E800	ELECTRICAL DETAILS
E801	ELECTRICAL DETAILS
E802	ELECTRICAL DETAILS
E900	ELECTRICAL SCHEDULES
E901	PANEL SCHEDULES

OWNER

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

ARCHITECT/ENGINEER

CPL
50 Front Street, Suite 202
Newburgh, New York 12550
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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

District Office Address
40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE UNION FREE SCHOOL DISTRICT
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
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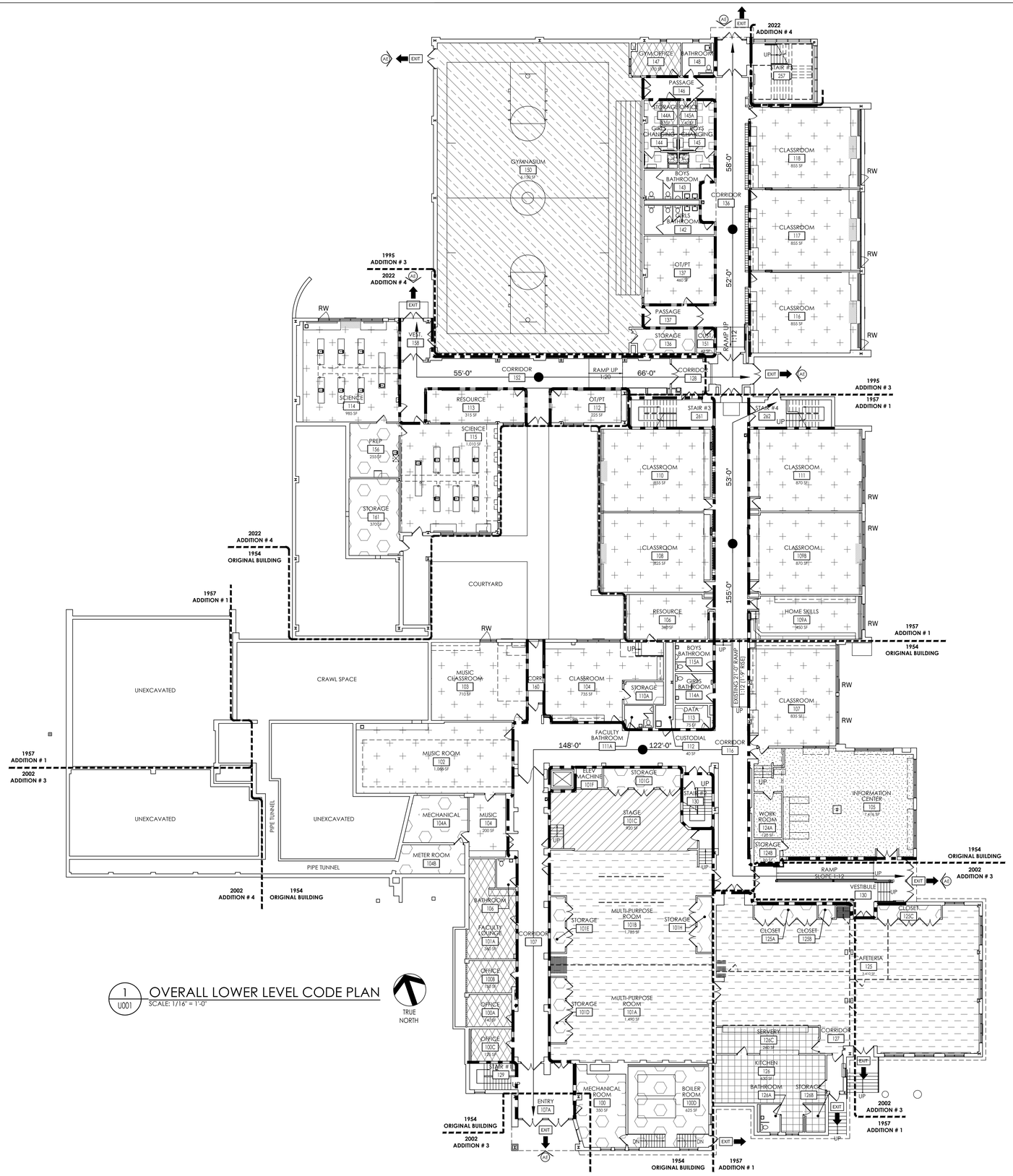
SHEET INFORMATION

Issued	Scale
12/16/2022	N/A
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
COVER SHEET

Drawing Number
GEN
T000



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

TRUE NORTH

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:	148'-0"
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		
Classrooms	(2) exits	(2) exits
Over 1000 S.F. - doors swing out		
Over 1500 S.F. - 2 exit doors, into separate smoke zones		
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):	49"
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	6,152 SQ. FT.	411 Occupants
Educational (Classrooms)	20 GSF/Occupant	33,720 SQ. FT.	1,686 Occupants
Locker Rooms	50 GSF/Occupant	500 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	50 GSF/Occupant	735 SQ. FT.	15 Occupants
Stack Areas	100 GSF/Occupant	830 SQ. FT.	9 Occupants

SYMBOL LEGEND

A2	ACCESSIBLE BUILDING ENTRANCE
EXIT	EXIT
CLASSROOM 116 800 SF	ROOM USE AND SQUARE FOOTAGE
TRAVEL DISTANCE	TRAVEL DIST. BTW. EXIT DOORS / STAIRS
	1 HR. RATED FIRE PARTITION
	2 HR. RATED FIRE PARTITION

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Project Number
15131.07

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PLEASANTVILLE UFSD

Project Name
MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
OVERALL LOWER LEVEL CODE PLAN

Drawing Number
PMS U001

Plotted By: Lisa Rozbicki
Date last plotted: 12/13/2022 2:51 PM
Date last accessed: 12/13/2022 2:31 PM
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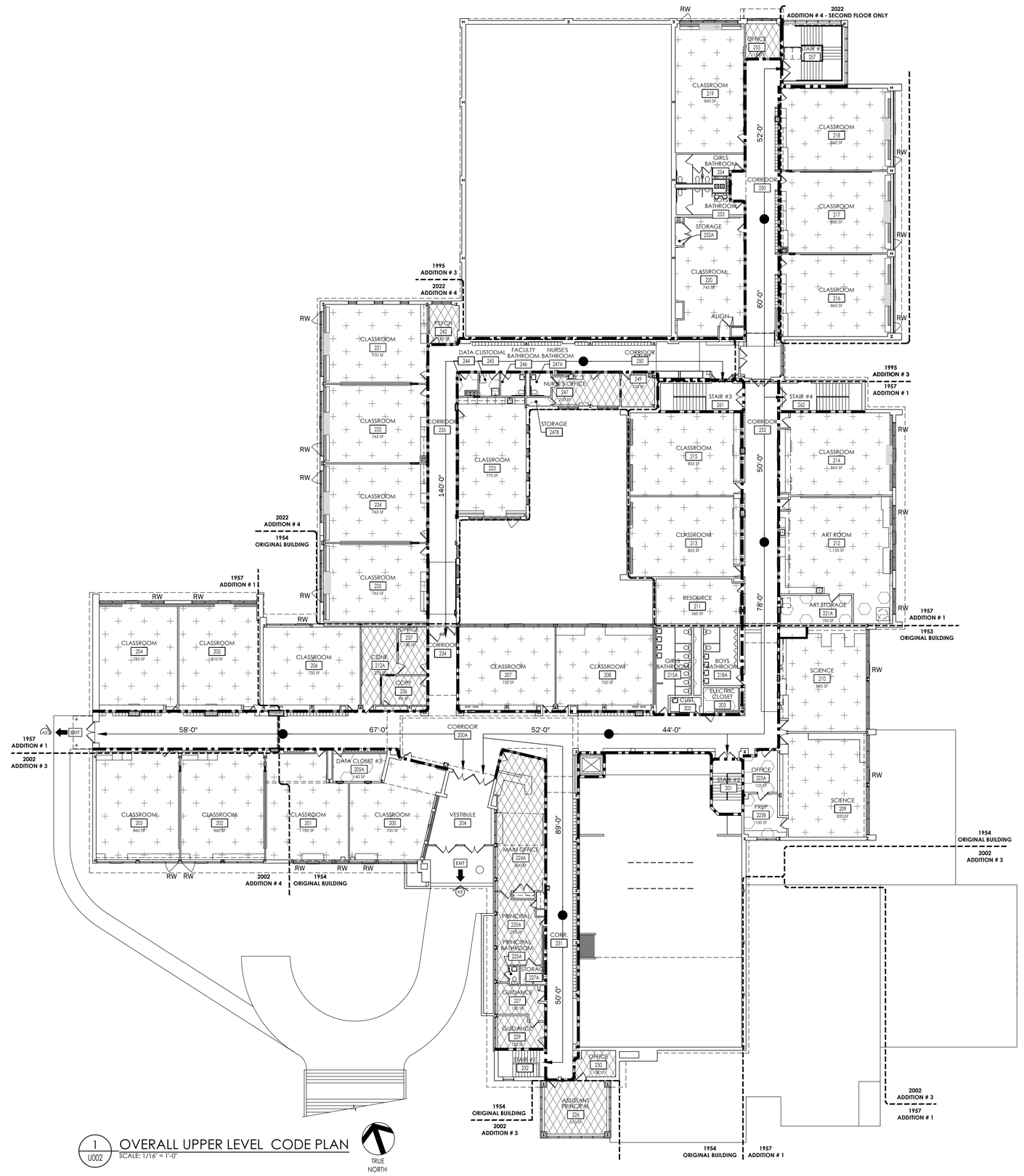

1 U002 OVERALL UPPER LEVEL CODE PLAN
SCALE: 1/16" = 1'-0"

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

	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:	148'-0"
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		
Classrooms	(2) exits	(2) exits
Over 1000 S.F. - doors swing out		
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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):	49"
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
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Library			
Reading Rooms	50 GSF/Occupant	735 SQ. FT.	15 Occupants
Stack Areas	100 GSF/Occupant	830 SQ. FT.	9 Occupants

SYMBOL LEGEND

A/E	ACCESSIBLE BUILDING ENTRANCE
EXIT	EXIT
CLASSROOM 116 870 SF	ROOM USE AND SQUARE FOOTAGE
TRAVEL DISTANCE	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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
OVERALL UPPER LEVEL CODE PLAN

Drawing Number
PMS U002

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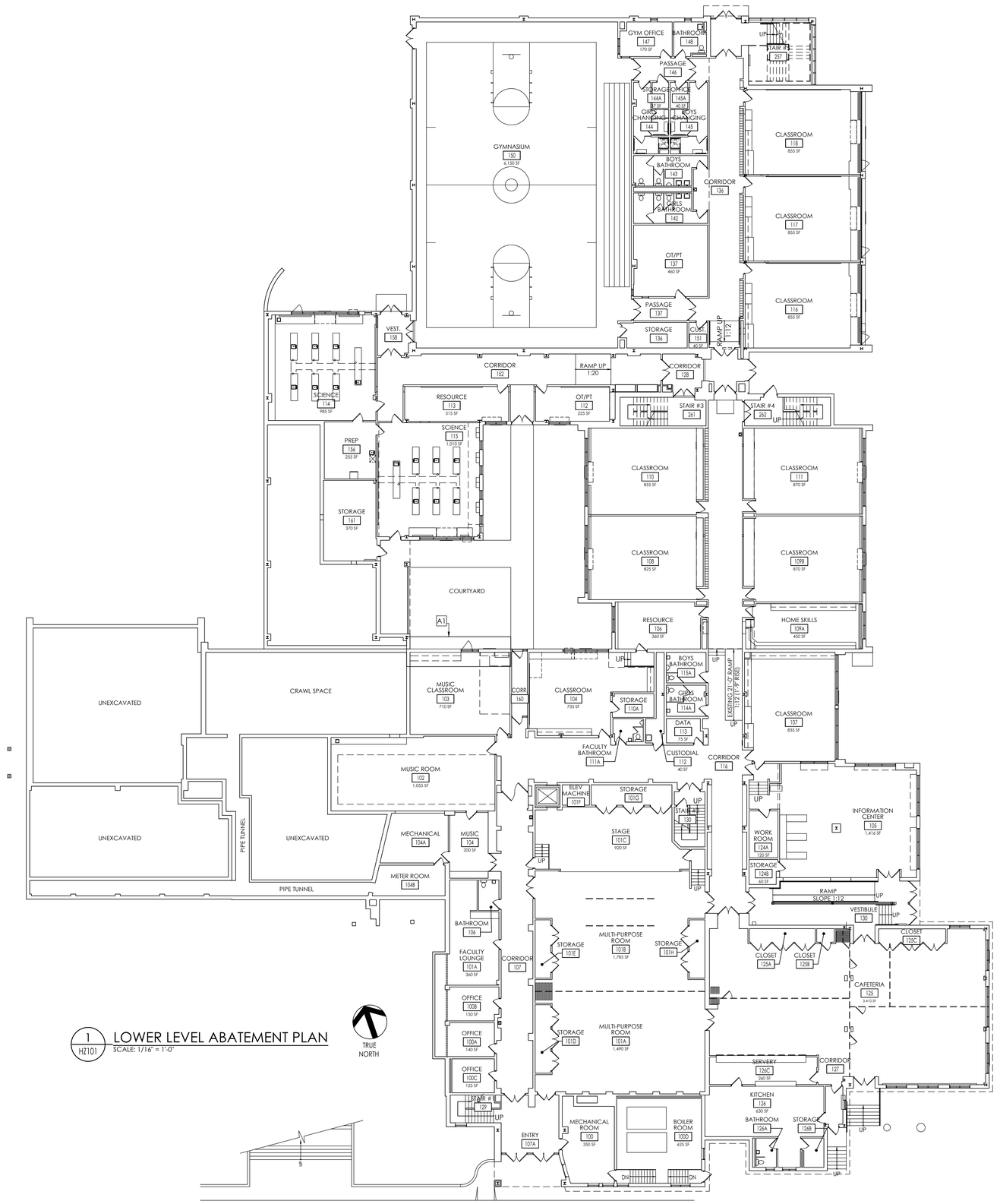
Plotted By: Lisa Rozbicki



1 HZ101 LOWER LEVEL ABATEMENT PLAN
SCALE: 1/16" = 1'-0"

TRUE NORTH

GENERAL ABATEMENT NOTES:

1. 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.
2. 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.
3. 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.
4. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE ASBESTOS DUMPSTER WITH THE OWNER.
5. 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

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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
RA	LT

Drawing Title
LOWER LEVEL ABATEMENT PLAN

Drawing Number
PMS
HZ101

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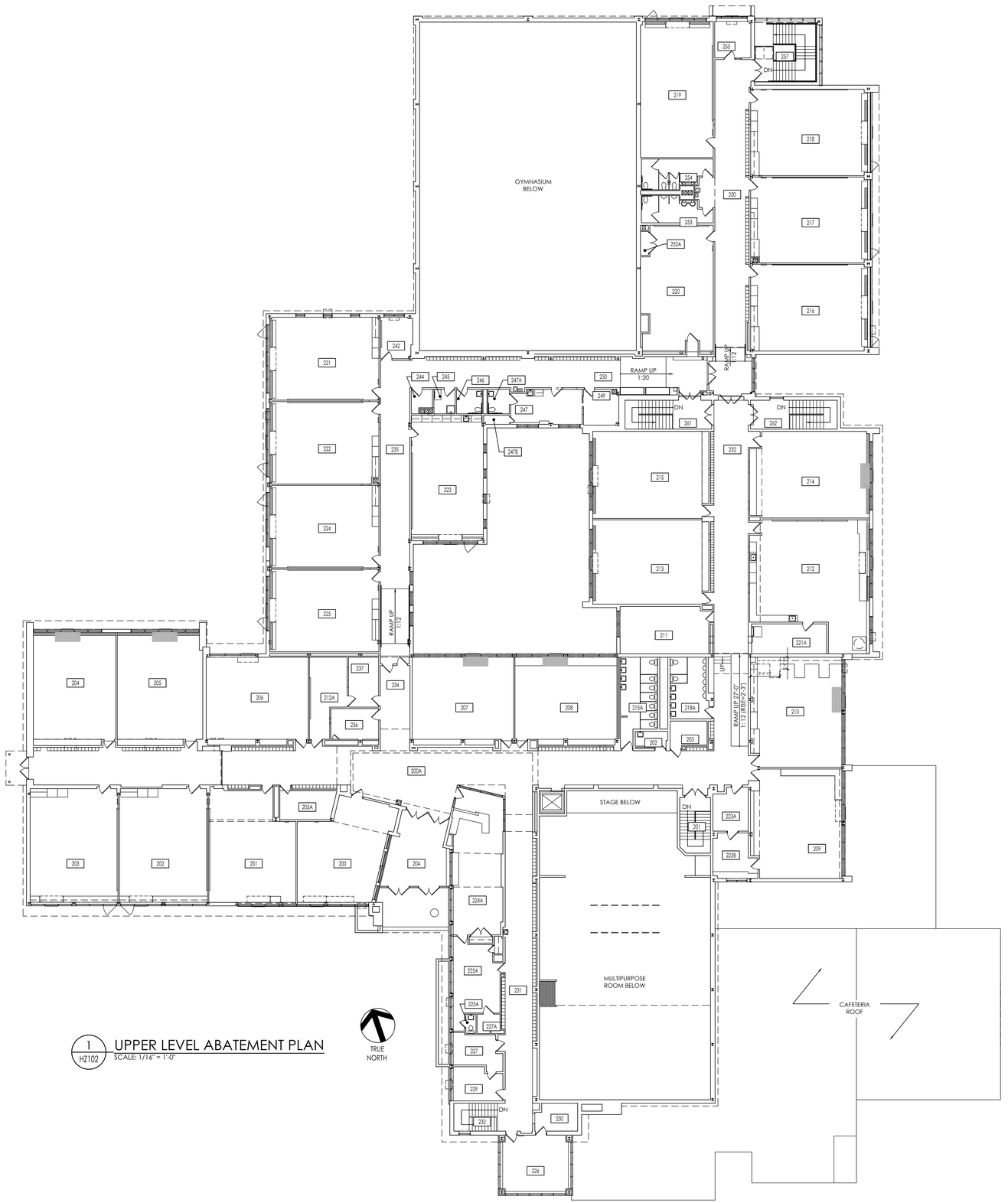
Plotted By: Lisa Rozbicki



1 HZ102 UPPER LEVEL ABATEMENT PLAN
SCALE: 1/16" = 1'-0"

GENERAL ABATEMENT NOTES:

1. 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.
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4. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THE ASBESTOS DUMPSTER WITH THE OWNER.
5. 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

A2 REMOVE CURB AS ASBESTOS CONTAINING MATERIAL.

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

PROJECT INFORMATION

Project Number
15131.07

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MIDDLE SCHOOL HVAC REPLACEMENT

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SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
RA	LT

Drawing Title
UPPER LEVEL ABATEMENT PLAN

Drawing Number
PMS
HZ102

Sheet size: 24x36
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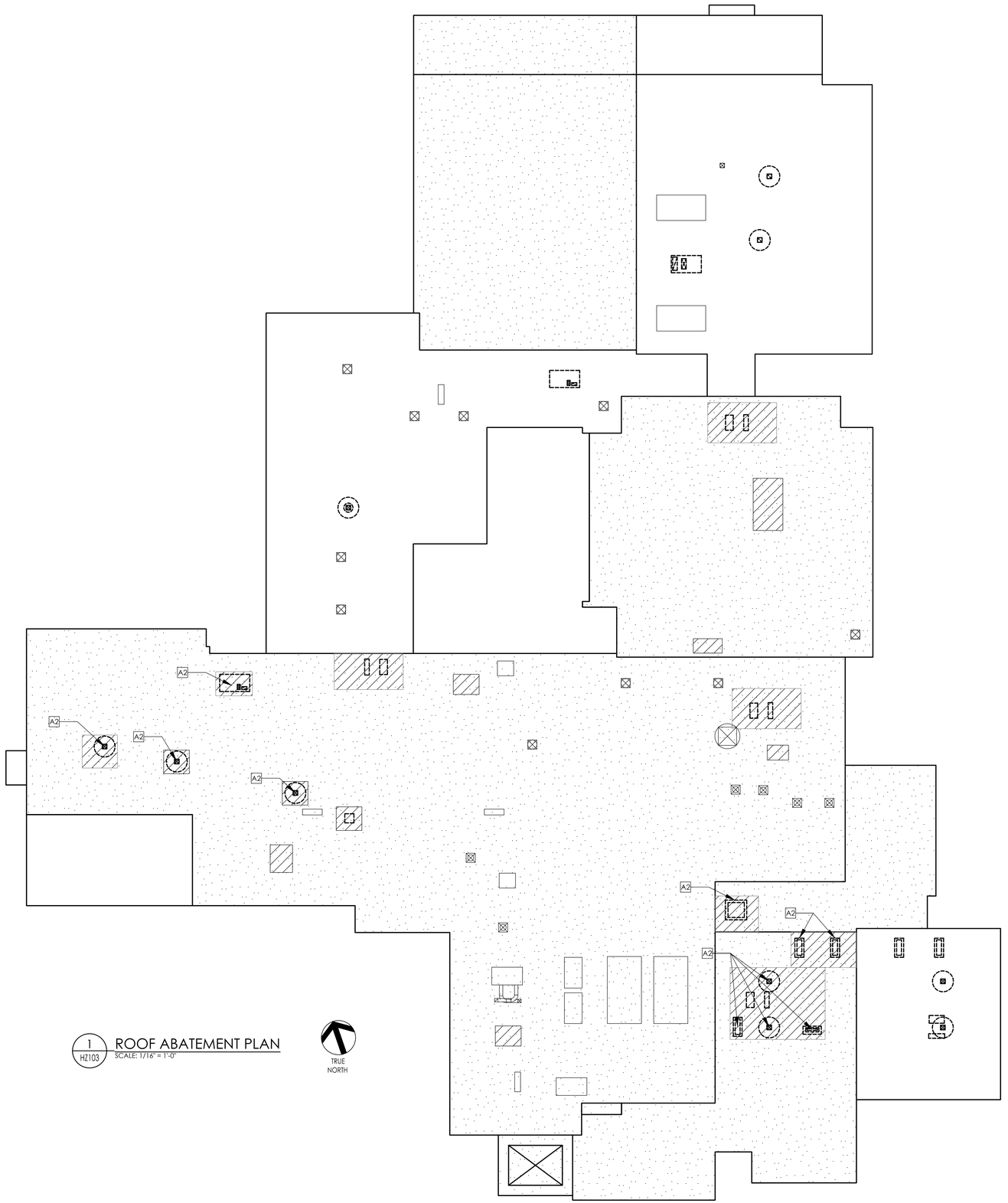
Date last plotted: 12/13/2022 2:52 PM
Plotted By: Lisa Rozbicki



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

TRUE NORTH

GENERAL ABATEMENT NOTES:

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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

A2 REMOVE CURB AS ASBESTOS CONTAINING MATERIAL.

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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
MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

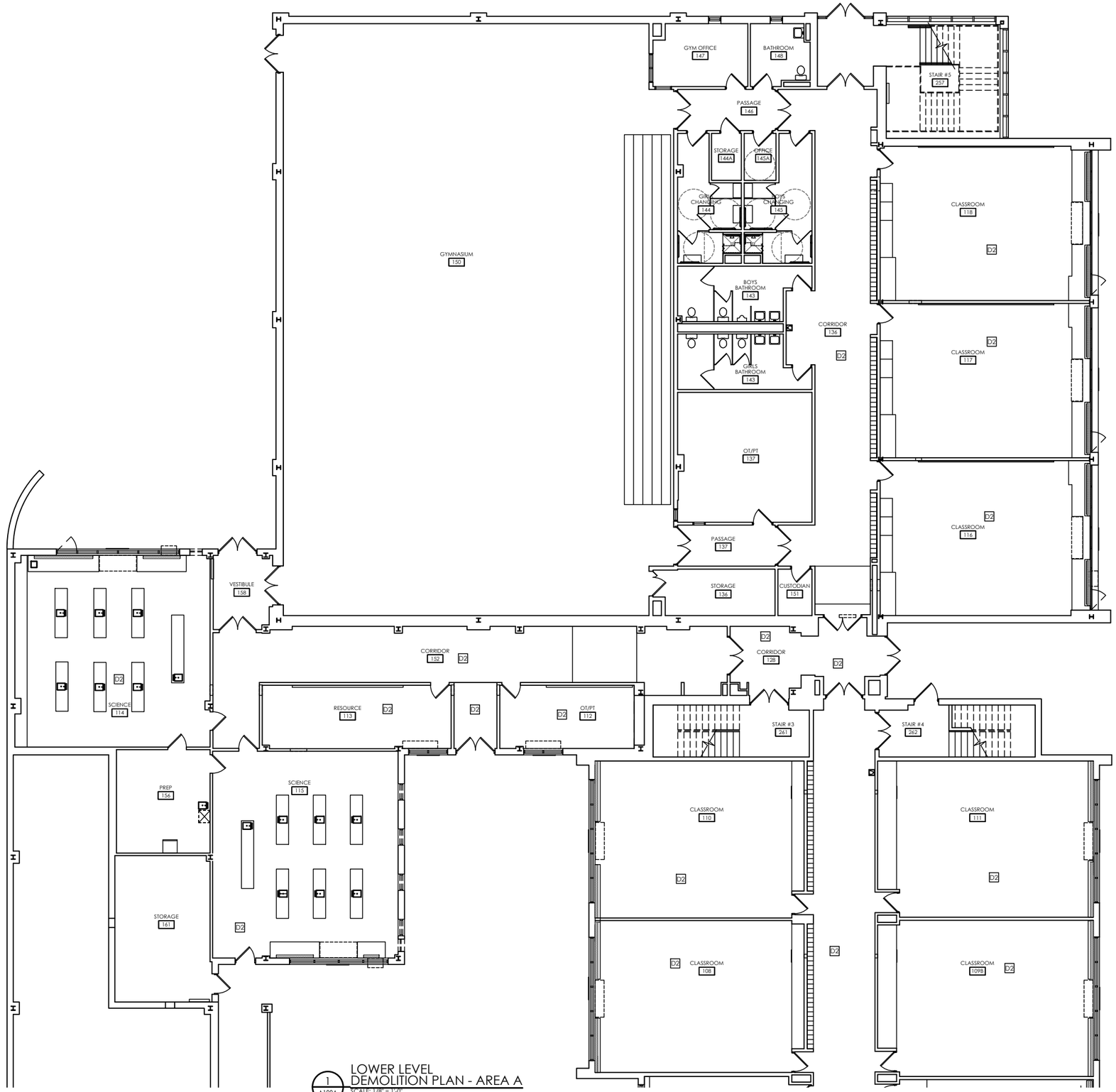
PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
RA	LT

Drawing Title
ROOF ABATEMENT PLAN

Drawing Number
PMS
HZ103



1 A100A LOWER LEVEL DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. COORDINATE ALL DEMO WORK WITH ASBESTOS DRAWINGS.
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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.
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6. THE CONTRACTOR SHALL MAINTAIN AND CONTINUE SAFE ACCESS TO ALL EXITS FOR THE BUILDING OCCUPANTS DURING CONSTRUCTION.

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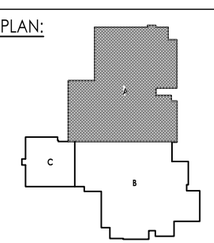
KEY PLAN:



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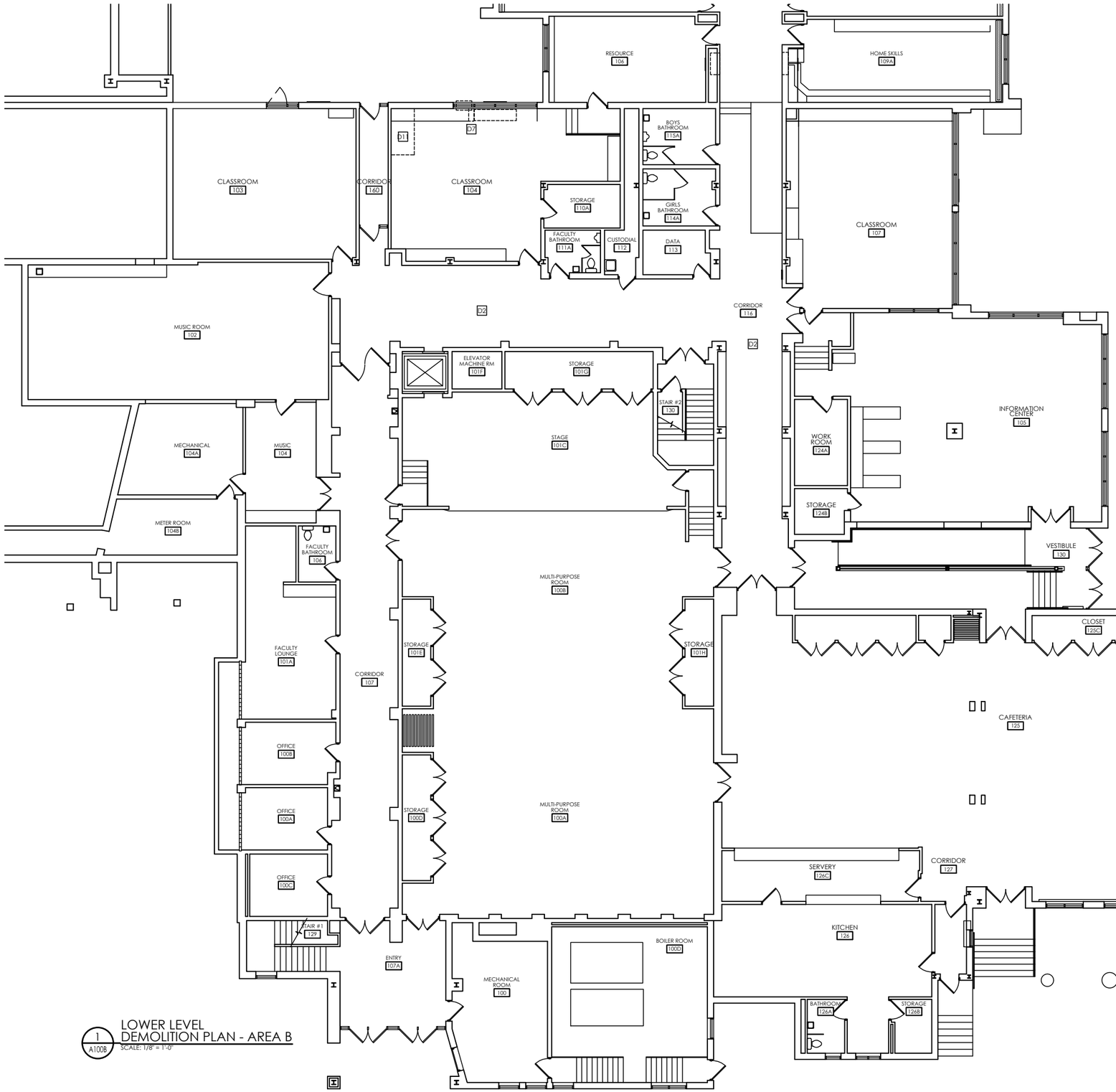
SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
SED SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL DEMOLITION PLAN -AREA A

Drawing Number
PMS
A100A

Sheet size: 24x36
Drawing Name: S:\ Projects \Pleasantville UFSD\ PMS HVAC\ D Design\06 CAD\A-CAD\ ARCH\ A100.dwg Date last accessed: 12/13/2022 2:33 P.M. Date last plotted: 12/13/2022 2:52 P.M. Plotted By: Lisa Rodbicki



1 A100B
LOWER LEVEL DEMOLITION PLAN - AREA B
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

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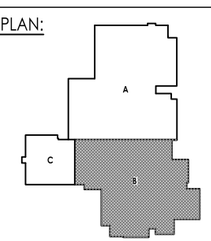

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PROJECT INFORMATION

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
66-08-09-12-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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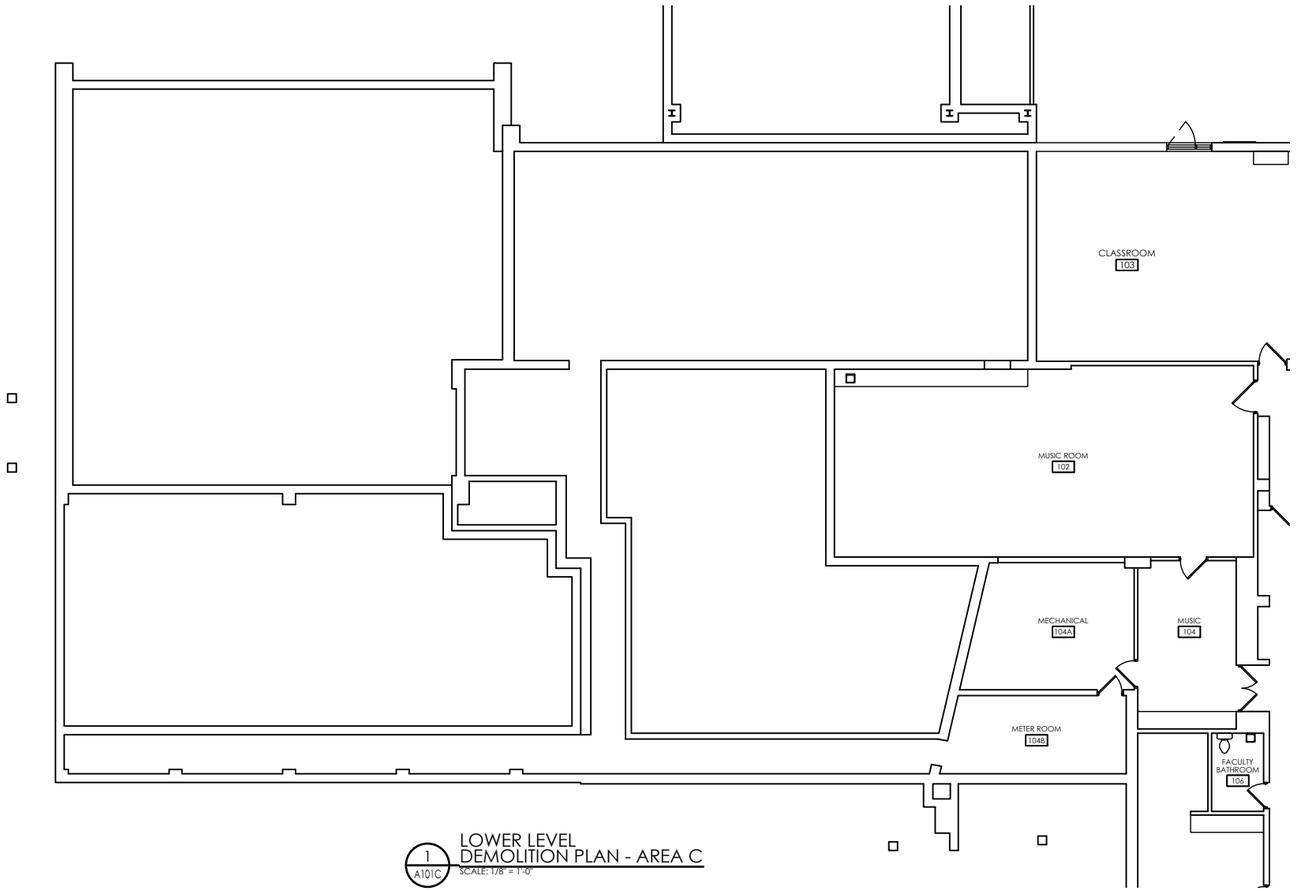
SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
SED SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL DEMOLITION PLAN -AREA B

Drawing Number
PMS
A100B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\A-CAD\A-ARCH\A-A100.dwg Date last accessed: 12/13/2022 2:31 P.M. Date last plotted: 12/13/2022 2:52 P.M. Plotted By: Lisa Radzicki



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

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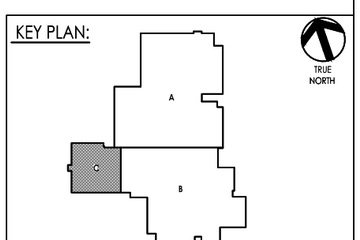

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Newburgh, NY 12550
CPLteam.com

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
66-0829-4253-0032-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT
THE ALTERATION OF ANY PLAN OR DRAWING BY ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER AN ITEM IN ANY WAY IN ANY PLAN BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR SURVEYOR IS A VIOLATION OF LAW. WHERE 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.

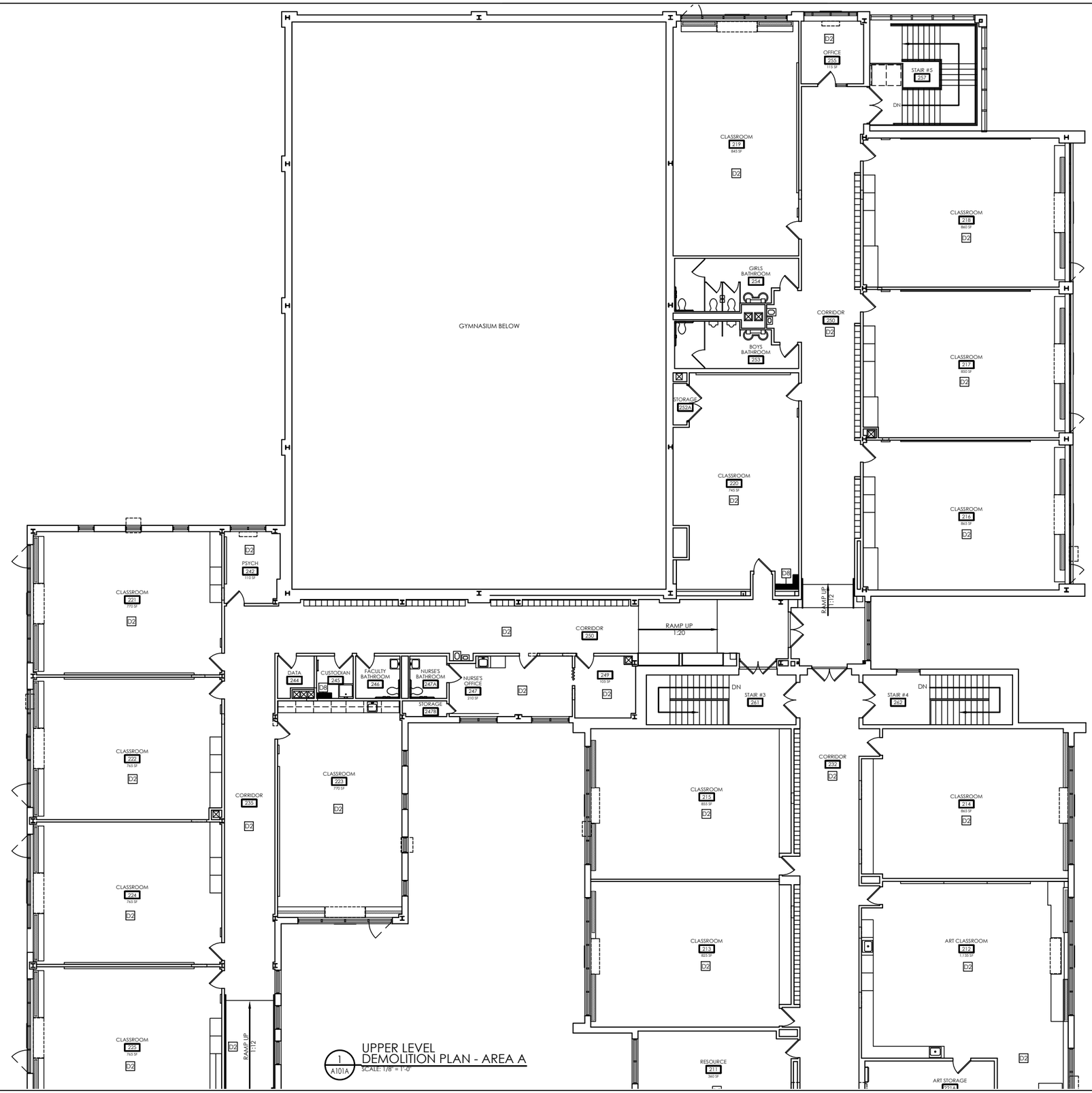
SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
SED SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL DEMOLITION PLAN - AREA C

Drawing Number
PMS
A100C

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\LD Design\06 CAD\ACAD\ARCH\A1\A100.dwg Date last accessed: 12/13/2022 2:31 PM Date last plotted: 12/13/2022 2:52 PM Plotted By: Lisa Rabicki



1 A101A
UPPER LEVEL DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

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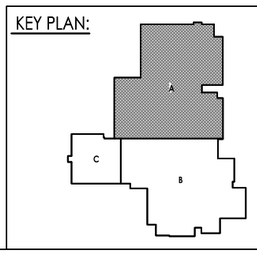

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PROJECT INFORMATION

Project Number
15131.07

Client Name
PLEASANTVILLE UFSD

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MIDDLE SCHOOL HVAC REPLACEMENT

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PLEASANTVILLE MIDDLE SCHOOL
66-05-01-12-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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PROFESSIONAL STAMPS

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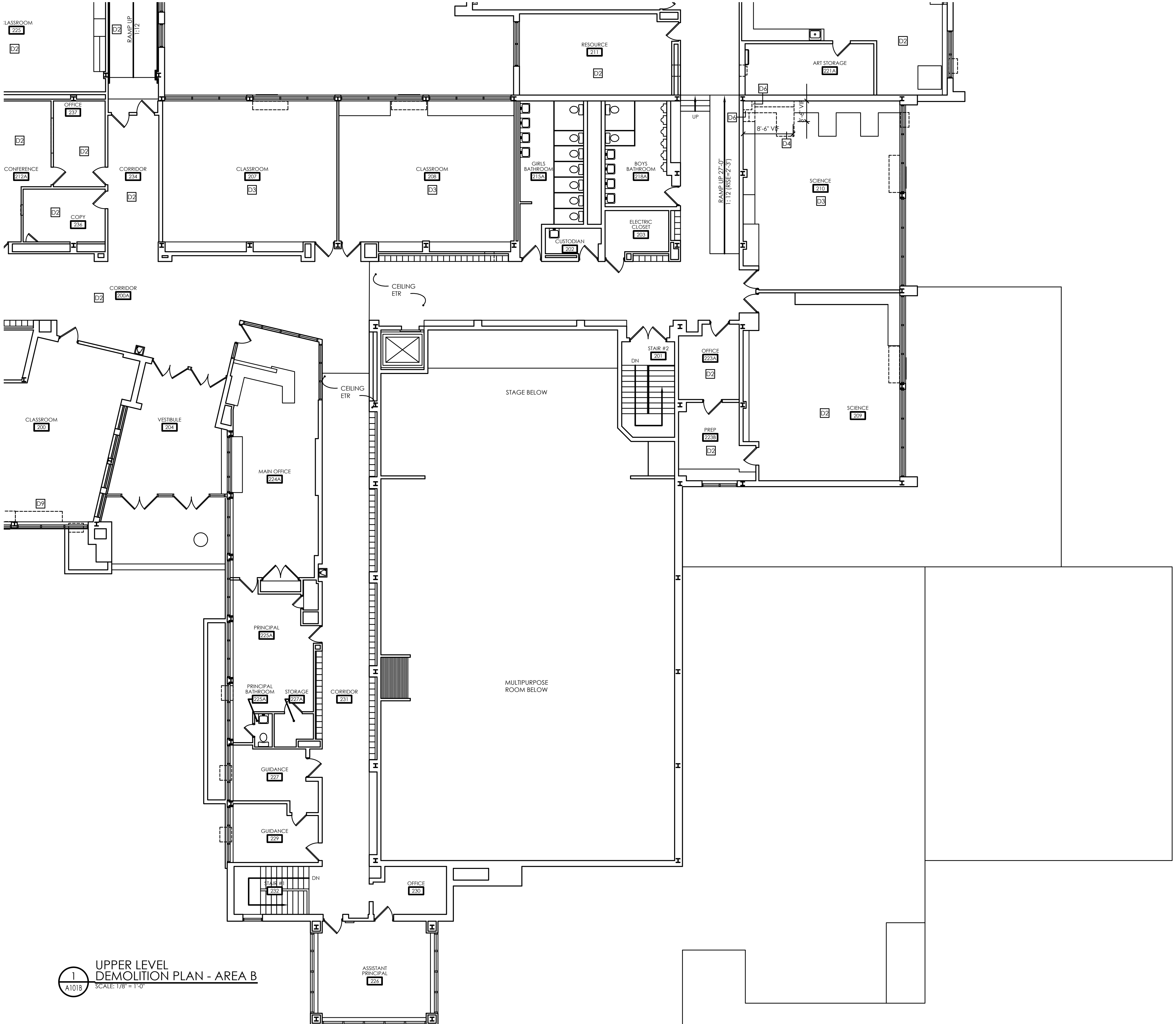
SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL DEMOLITION PLAN - AREA A

Drawing Number
PMS
A101A

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\3D Design\06 CAD\ACAD\ARCH\A101.dwg Date last accessed: 12/13/2022 2:31 P.M. Date last plotted: 12/13/2022 2:52 P.M. Plotted By: Lisa Radicki



1 A101B
UPPER LEVEL DEMOLITION PLAN - AREA B
SCALE: 1/8" = 1'-0"

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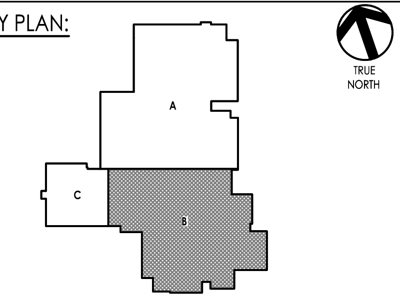

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PROFESSIONAL STAMPS

SHEET INFORMATION

Issued 12/16/2022	Scale AS SHOWN
Project Status BID SUBMISSION	
Drawn By TLB	Checked By LT

Drawing Title
UPPER LEVEL DEMOLITION PLAN - AREA B

Drawing Number
PMS A101B

Plotted By: Lisa Rozbicki
Date last plotted: 12/13/2022 2:52 PM
Date last accessed: 12/13/2022 2:31 PM
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\A101.dwg
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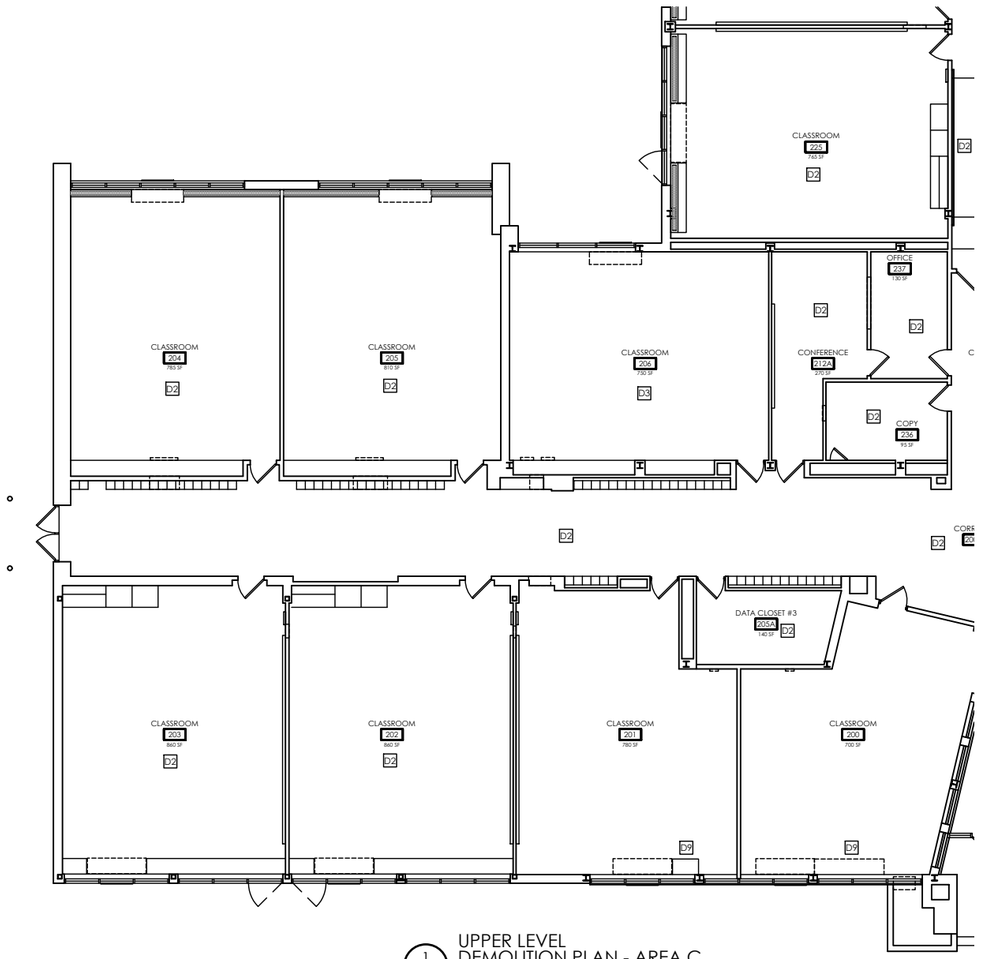

1 A101C
UPPER LEVEL
DEMOLITION PLAN - AREA C
SCALE: 1/8" = 1'-0"

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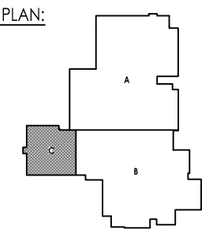
3. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF THE WORK.
4. THE OWNER SHALL PROVIDE THE CONTRACTOR WITH A LIST OF ALL ITEMS TO BE SALVAGED PRIOR TO CONSTRUCTION.
5. THE CONTRACTOR SHALL PROTECT ADJACENT SURFACES AND FINISHES NOT SCHEDULED FOR DEMOLITION 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.
- D7 MODIFY CASEWORK TO FIT NEW UNIT VENTILATOR. CASEWORK TO BE CUT BACK +/- 24" AND A NEW FINISHED END PANEL TO BE INSTALLED. COORDINATE WITH MECHANICAL.
- D8 CORE DRILL THROUGH EXISTING SLAB FOR MECHANICAL PIPING. FIRESTOP AS REQUIRED TO MAINTAIN EXISTING RATING. COORDINATE WITH MECHANICAL.
- D9 REMOVE CEILING MOUNTED FOLDING PARTITION COMPLETE. NOTE OTHER FOLDING PARTITIONS IN THIS ROOM TO REMAIN. PATCH AND REPAIR FLOORING AND PARTITION AFTER REMOVAL TO MATCH EXISTING ADJACENT. TURN OVER PARTITION TO OWNER.
- D10 REMOVE CASEWORK COMPLETE TO MAKE WAY FOR NEW UNIT VENTILATOR.
- D11 REMOVE PORTION OF ACT CEILING FOR NEW GYPSUM SOFFIT. MODIFY EXISTING CEILING TO TERMINATE AT NEW SOFFIT.

KEY PLAN:



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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
42-08-09-03-0-003-025

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 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 ARCHITECT, ENGINEER OR SURVEYOR SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL DEMOLITION PLAN - AREA C

Drawing Number
PMS
A101C

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\CD Design\06 CAD\ACAD\ARCH\A101.dwg
Date last accessed: 12/13/2022 2:31 PM
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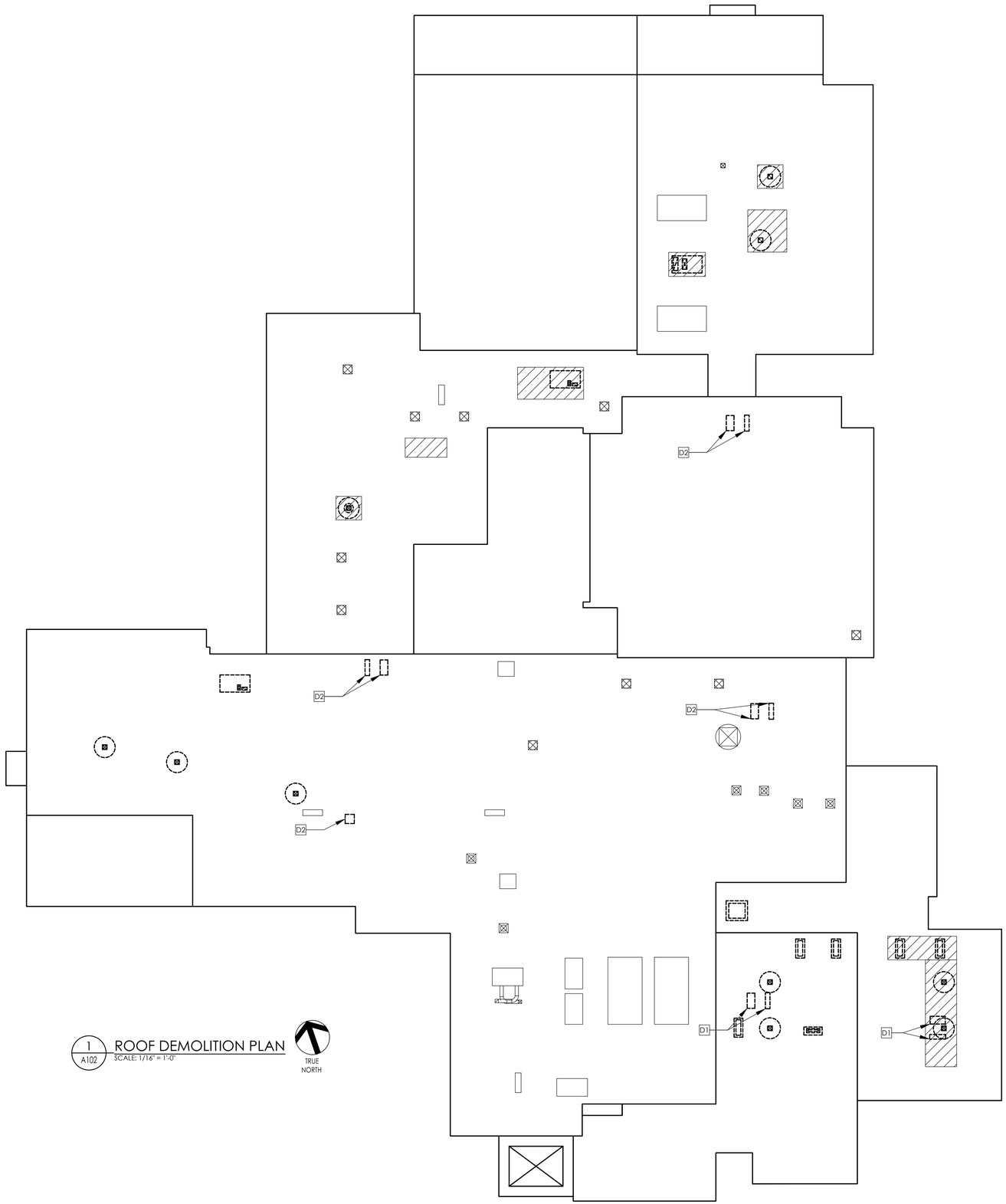
Plotted By: Lisa Rostocki



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

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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.

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PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

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BID SUBMISSION	
Drawn By	Checked By
XXX	LT

Drawing Title
ROOF DEMOLITION PLAN

Drawing Number
PMS
A102

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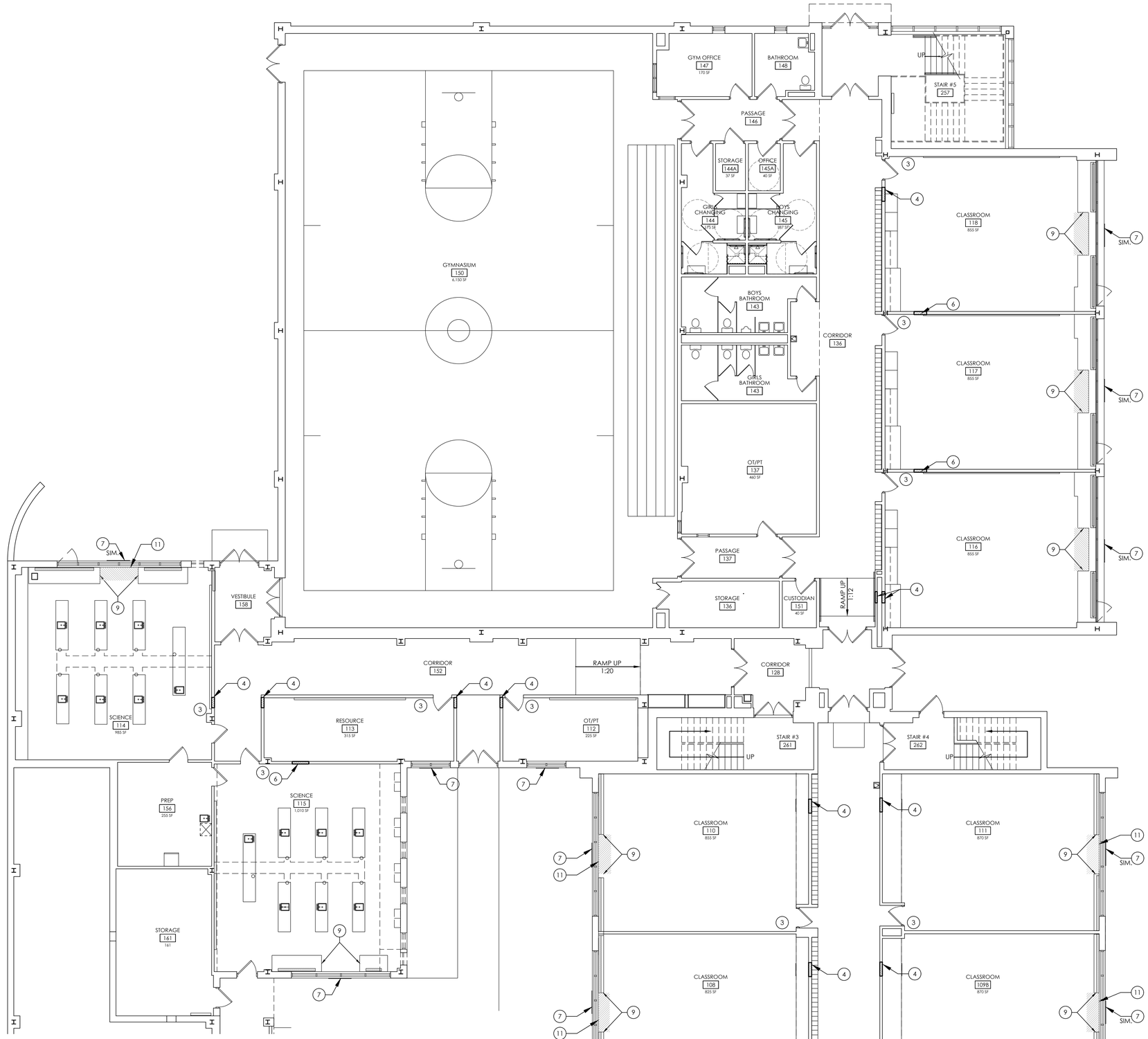
Plotted By: Lisa Rozbicki



1 A200A LOWER LEVEL RECONSTRUCTION PLAN - AREA A
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:

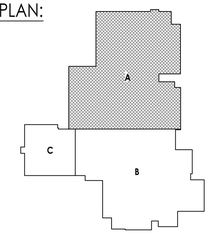
1. NEW UV TO BE INSTALLED BY MC.
2. PREP, PRIME AND PAINT WALL AT LOCATION OF SPLIT SYSTEM REMOVAL.
3. PREP, PRIME AND PAINT WALL AT LOCATION OF TEMPERATURE CONTROL REMOVAL.
4. INFILL WALL PENETRATION WITH 1-HOUR RATED WALL CONSTRUCTION.
5. EXTERIOR WALL PENETRATION TO BE INFILLED MASONRY CONSTRUCTION.
6. INFILL WALL PENETRATION.
7. INFILL WALL OPENING PER DETAIL 6/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
14. PAINT NEW WALL TO MATCH EXISTING ADJACENT. PROVIDE NEW WALL BASE TO MATCH EXISTING ADJACENT.
15. PROVIDE 2'x2' WALL MOUNTED ACCESS DOOR. BASIS-OF-DESIGN: ACUDOR ED-2002.
16. PROVIDE METAL SHROUD OVER NEW CONDENSATE LINES. SHROUD TO BE PAINTED TO MATCH EXISTING WALL AND FOLLOW CONDENSATE LINES FROM THE CEILING TO THE NEW UNIT VENTILATOR.

RECONSTRUCTION LEGEND:

PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING. WHERE VAT TILE WAS REMOVED, PATCH WITH VCT BEST MATCH.

INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



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PROJECT INFORMATION

Project Number
15131.07

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PLEASANTVILLE UFSD

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MIDDLE SCHOOL HVAC REPLACEMENT

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PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

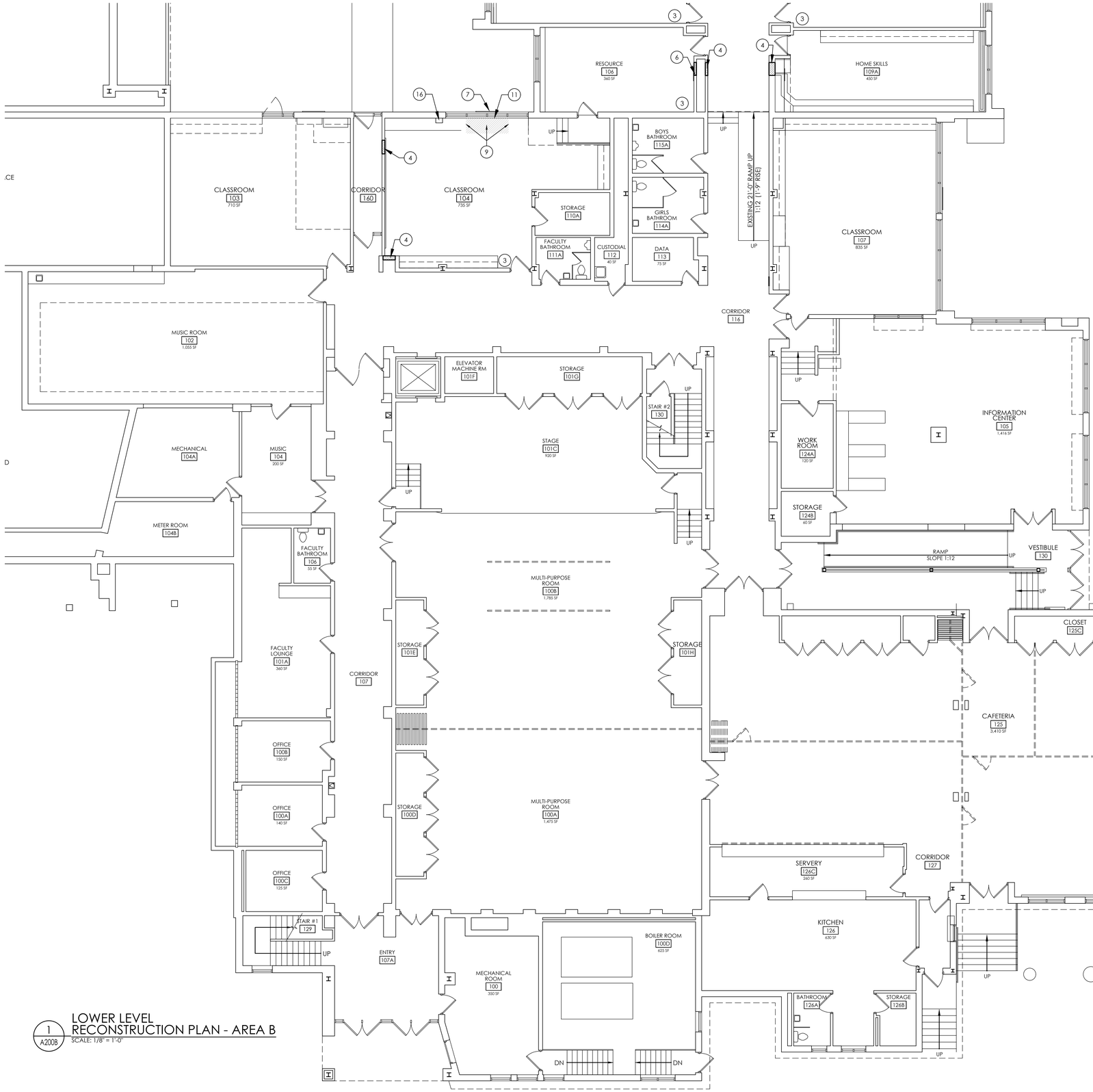
SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL RECONSTRUCTION PLAN -AREA A

Drawing Number
PMS
A200A

Plotted By: Lisa Rozbicki
Date last plotted: 12/13/2022 2:53 PM
Date last accessed: 12/13/2022 2:31 PM
Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\A\PMS A200.dwg



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.

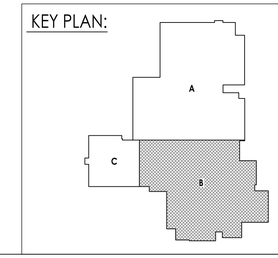
RECONSTRUCTION KEYNOTES:

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 6/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
14. PAINT NEW WALL TO MATCH EXISTING ADJACENT. PROVIDE NEW WALL BASE TO MATCH EXISTING ADJACENT.
15. PROVIDE 2'x2' WALL MOUNTED ACCESS DOOR. BASIS-OF-DESIGN: ACUDOR ED-2002.
16. PROVIDE METAL SHROUD OVER NEW CONDENSATE LINES. SHROUD TO BE PAINTED TO MATCH EXISTING WALL AND FOLLOW CONDENSATE LINES FROM THE CEILING TO THE NEW UNIT VENTILATOR.

RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING. WHERE VAT TILE WAS REMOVED, PATCH WITH VCT BEST MATCH.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



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PROJECT INFORMATION

Project Number
15131.07

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PLEASANTVILLE UFSD

Project Name
MIDDLE SCHOOL HVAC REPLACEMENT

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40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

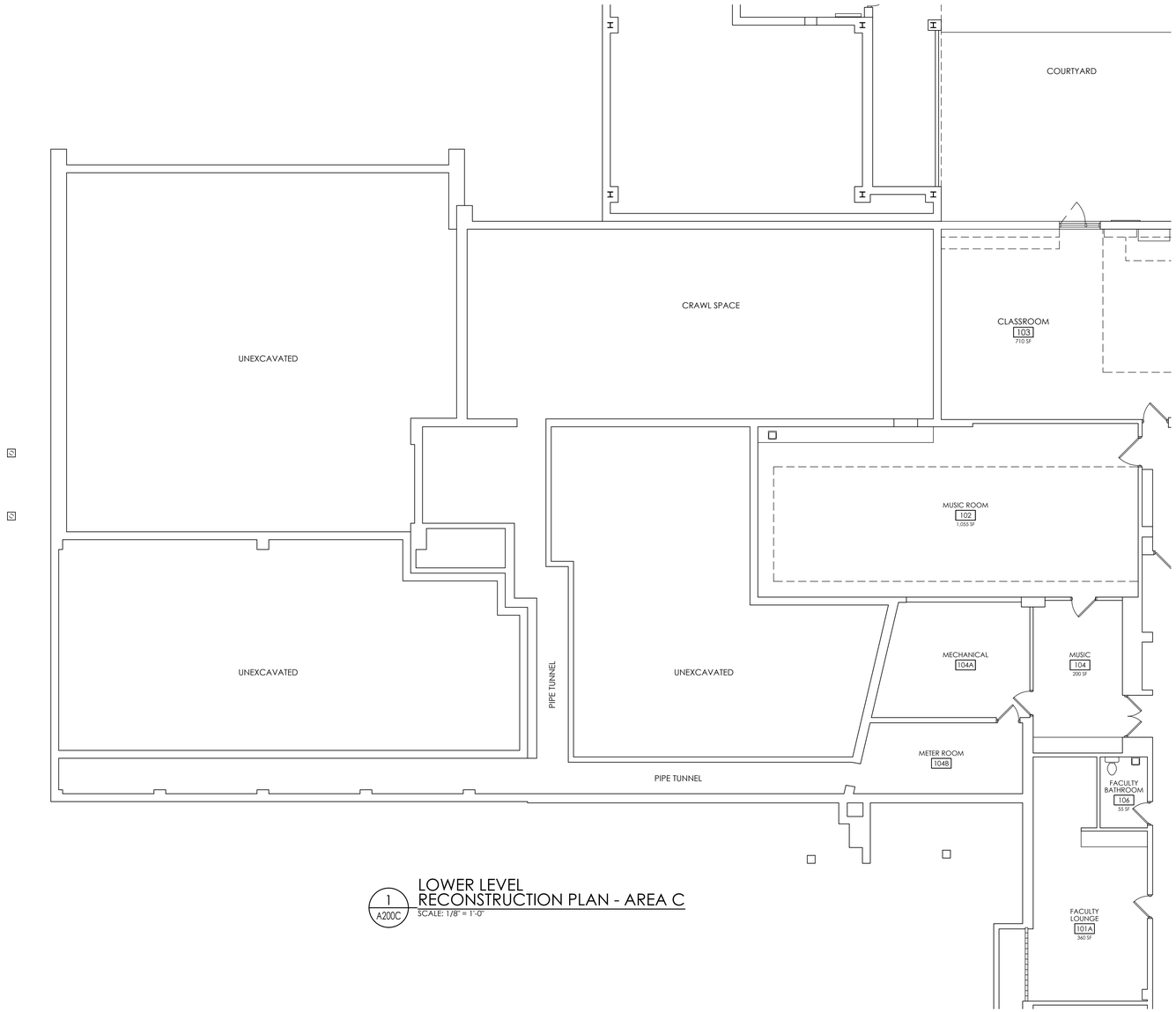
PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

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:

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.
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4. THE CONTRACTOR SHALL PROVIDE DUST CONTROL BARRIERS AT ALL AREAS OF CONSTRUCTION.
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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 6/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.
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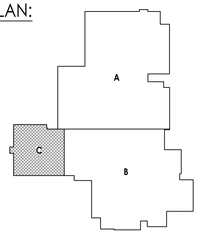
14. PAINT NEW WALL TO MATCH EXISTING ADJACENT. PROVIDE NEW WALL BASE TO MATCH EXISTING ADJACENT.
15. PROVIDE 2'x2' WALL MOUNTED ACCESS DOOR. BASIS-OF-DESIGN: ACUDOR ED-2002.
16. PROVIDE METAL SHROUD OVER NEW CONDENSATE LINES. SHROUD TO BE PAINTED TO MATCH EXISTING WALL AND FOLLOW CONDENSATE LINES FROM THE CEILING TO THE NEW UNIT VENTILATOR.

RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING. WHERE VAT TILE WAS REMOVED, PATCH WITH VCT BEST MATCH.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



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PROJECT INFORMATION

Project Number
15131.07

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PLEASANTVILLE UFSD

Project Name
MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

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SHEET INFORMATION

Issued	Scale
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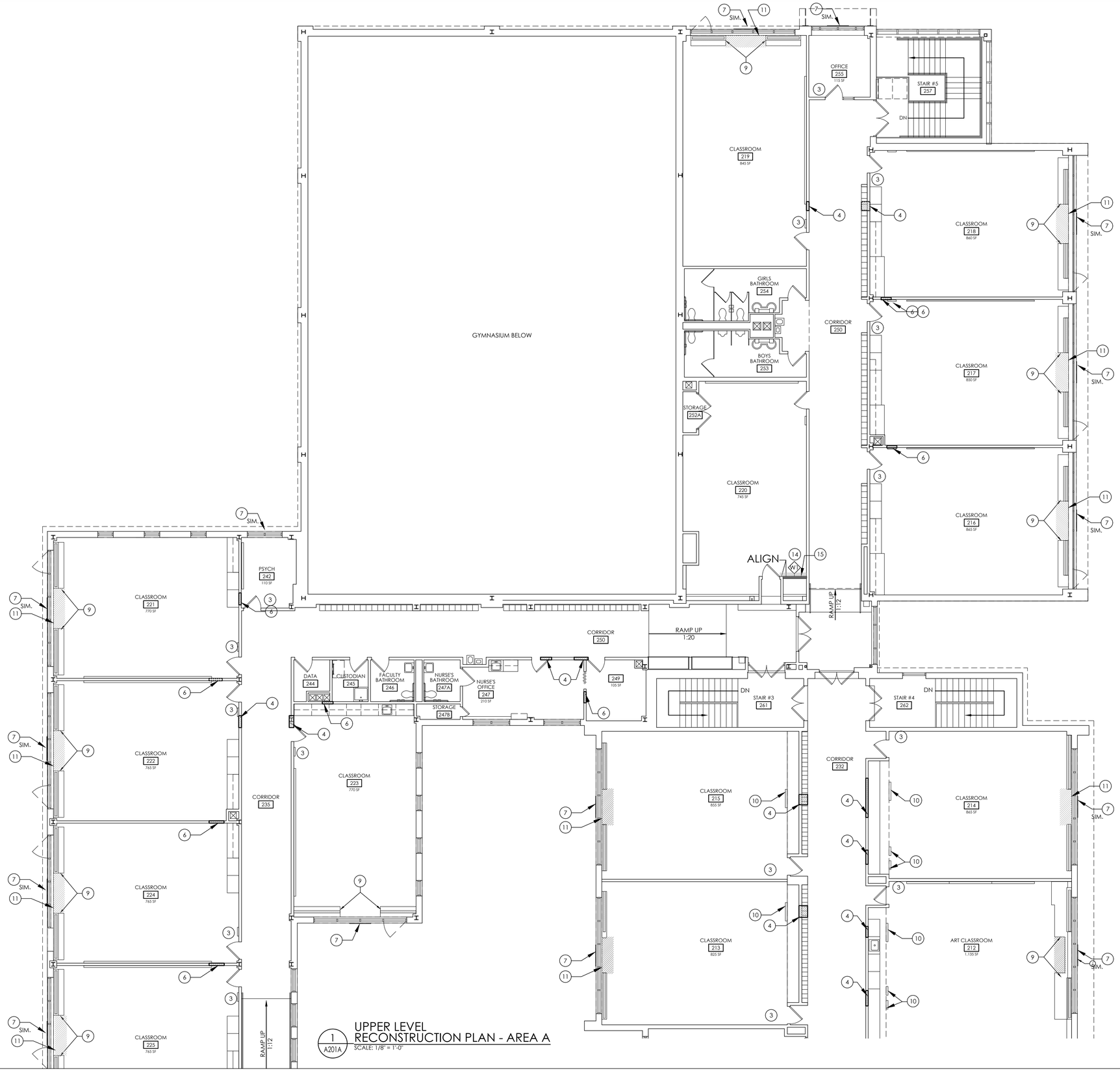
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

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:

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2. PREP, PRIME AND PAINT WALL AT LOCATION OF SPLIT SYSTEM REMOVAL.
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10. PAINT AND RE-INSTALL EXISTING VENT COVER.
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RECONSTRUCTION LEGEND:

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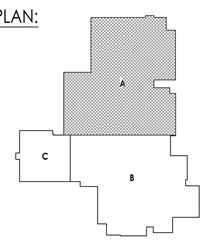
KEY PLAN:



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Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL RECONSTRUCTION PLAN - AREA A

Drawing Number
PMS
A201A

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\A[PLA201.dwg
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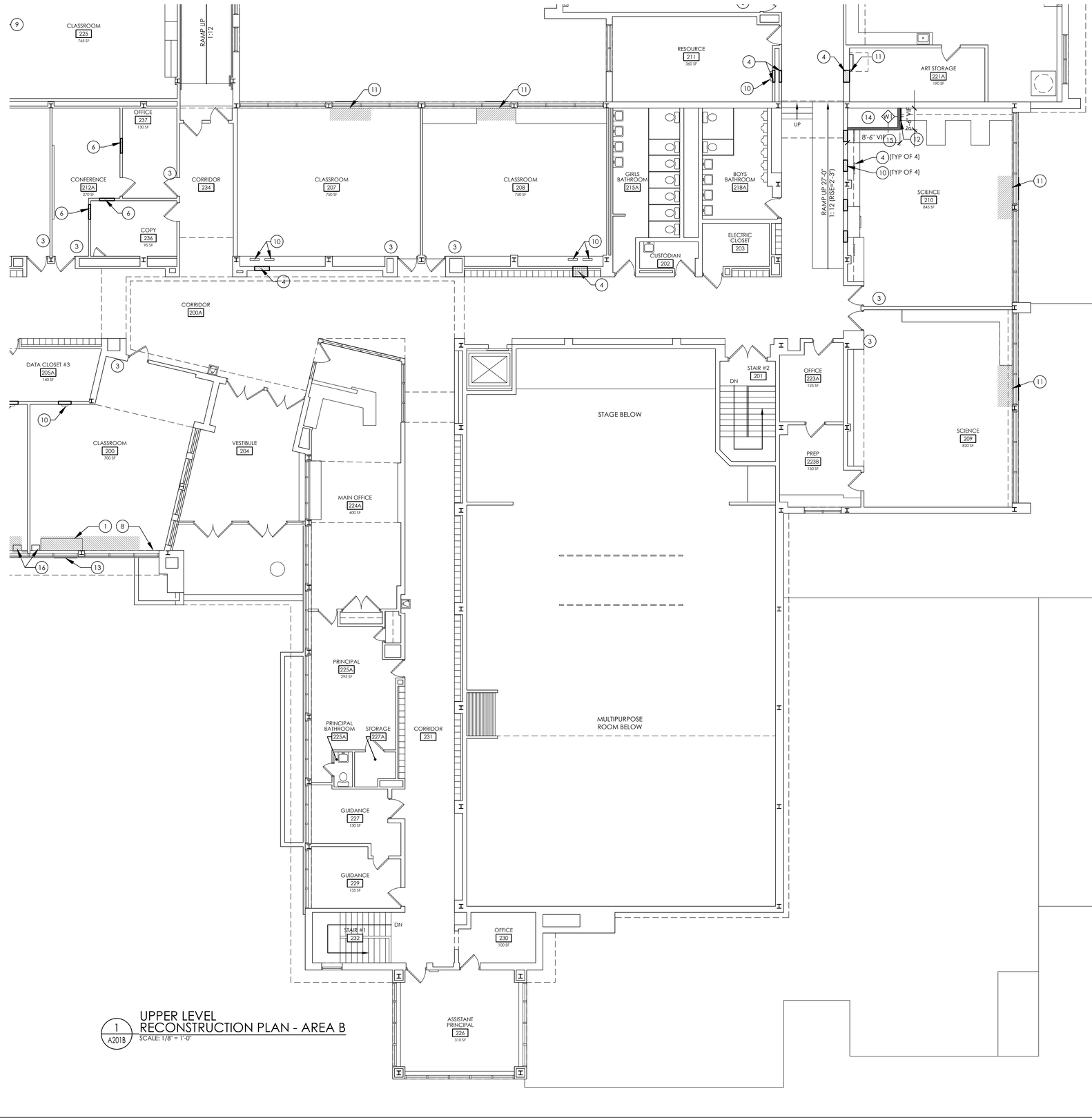

1 / A2018 UPPER LEVEL RECONSTRUCTION PLAN - AREA B
SCALE: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES:

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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.

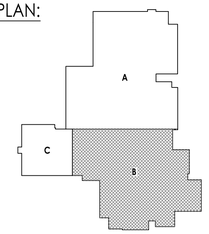
RECONSTRUCTION KEYNOTES:

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 6/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
14. PAINT NEW WALL TO MATCH EXISTING ADJACENT. PROVIDE NEW WALL BASE TO MATCH EXISTING ADJACENT.
15. PROVIDE 2'x2' WALL MOUNTED ACCESS DOOR. BASIS-OF-DESIGN: ACUDOR ED-2002.
16. PROVIDE METAL SHROUD OVER NEW CONDENSATE LINES. SHROUD TO BE PAINTED TO MATCH EXISTING WALL AND FOLLOW CONDENSATE LINES FROM THE CEILING TO THE NEW UNIT VENTILATOR.

RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING. WHERE VAT TILE WAS REMOVED, PATCH WITH VCT BEST MATCH.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



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50 Front St. Suite 202
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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

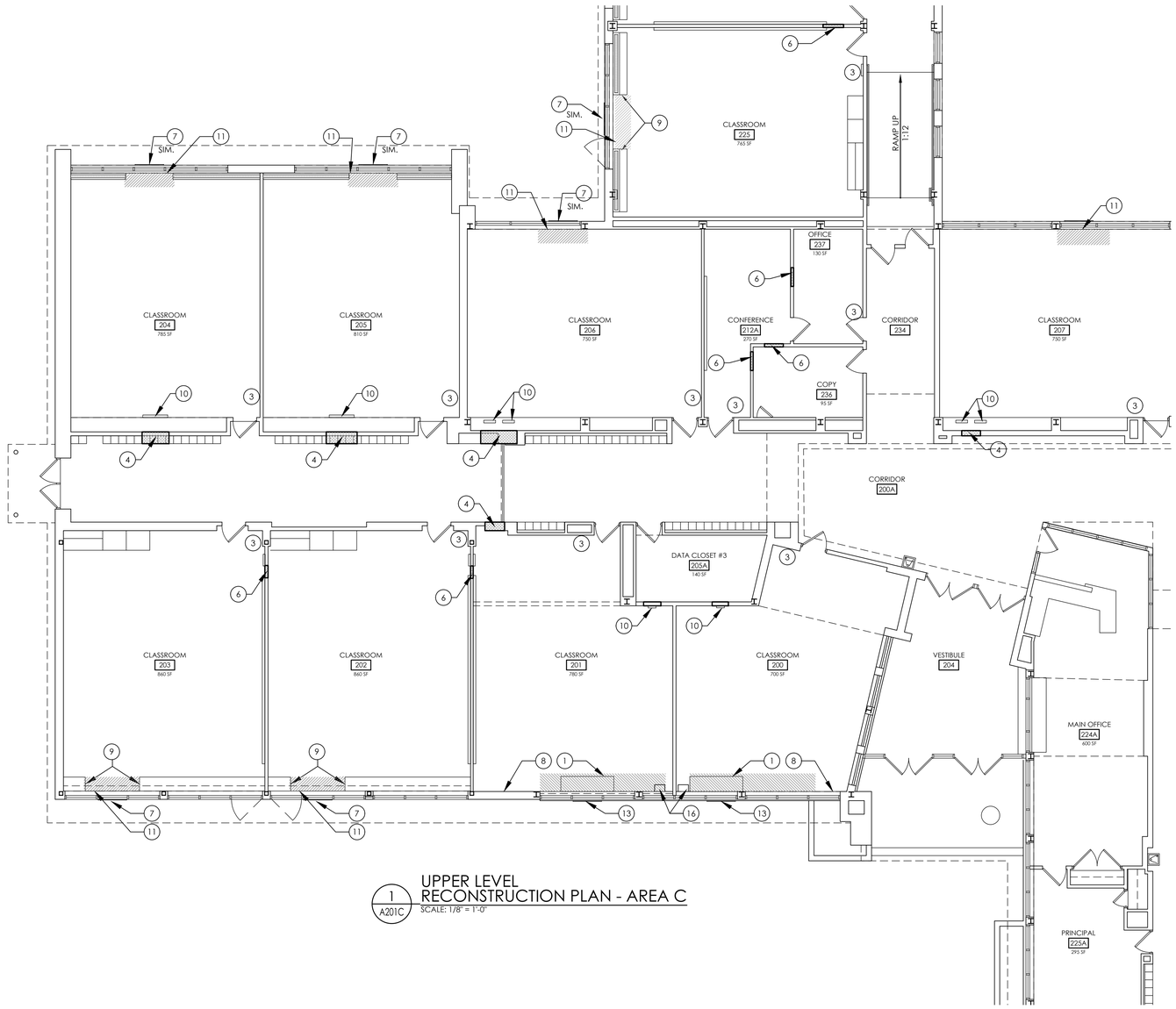
SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL RECONSTRUCTION PLAN - AREA B

Drawing Number
PMS A201B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\ARCH\A201.dwg
Date last accessed: 12/13/2022 2:31 PM
Date last plotted: 12/13/2022 2:53 PM
Plotted By: Lisa Rozbicki



1 A201C
UPPER LEVEL RECONSTRUCTION PLAN - AREA C
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.

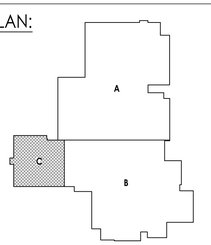
RECONSTRUCTION KEYNOTES:

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 6/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
14. PAINT NEW WALL TO MATCH EXISTING ADJACENT. PROVIDE NEW WALL BASE TO MATCH EXISTING ADJACENT.
15. PROVIDE 2'x2' WALL MOUNTED ACCESS DOOR. BASIS-OF-DESIGN: ACUDOR ED-2002.
16. PROVIDE METAL SHROUD OVER NEW CONDENSATE LINES. SHROUD TO BE PAINTED TO MATCH EXISTING WALL AND FOLLOW CONDENSATE LINES FROM THE CEILING TO THE NEW UNIT VENTILATOR.

RECONSTRUCTION LEGEND:

- PATCH VCT FLOORING AND WALL BASE TO MATCH EXISTING. WHERE VAT TILE WAS REMOVED, PATCH WITH VCT BEST MATCH.
- INFILL WALL PENETRATION WITH LIKE CONSTRUCTION.

KEY PLAN:



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PROJECT INFORMATION

Project Number
15131.07

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PLEASANTVILLE MIDDLE SCHOOL
66-08-09-03-0-003-025

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No.	Date	Description

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SHEET INFORMATION

Issued
12/16/2022

Scale
AS SHOWN

Project Status
BID SUBMISSION

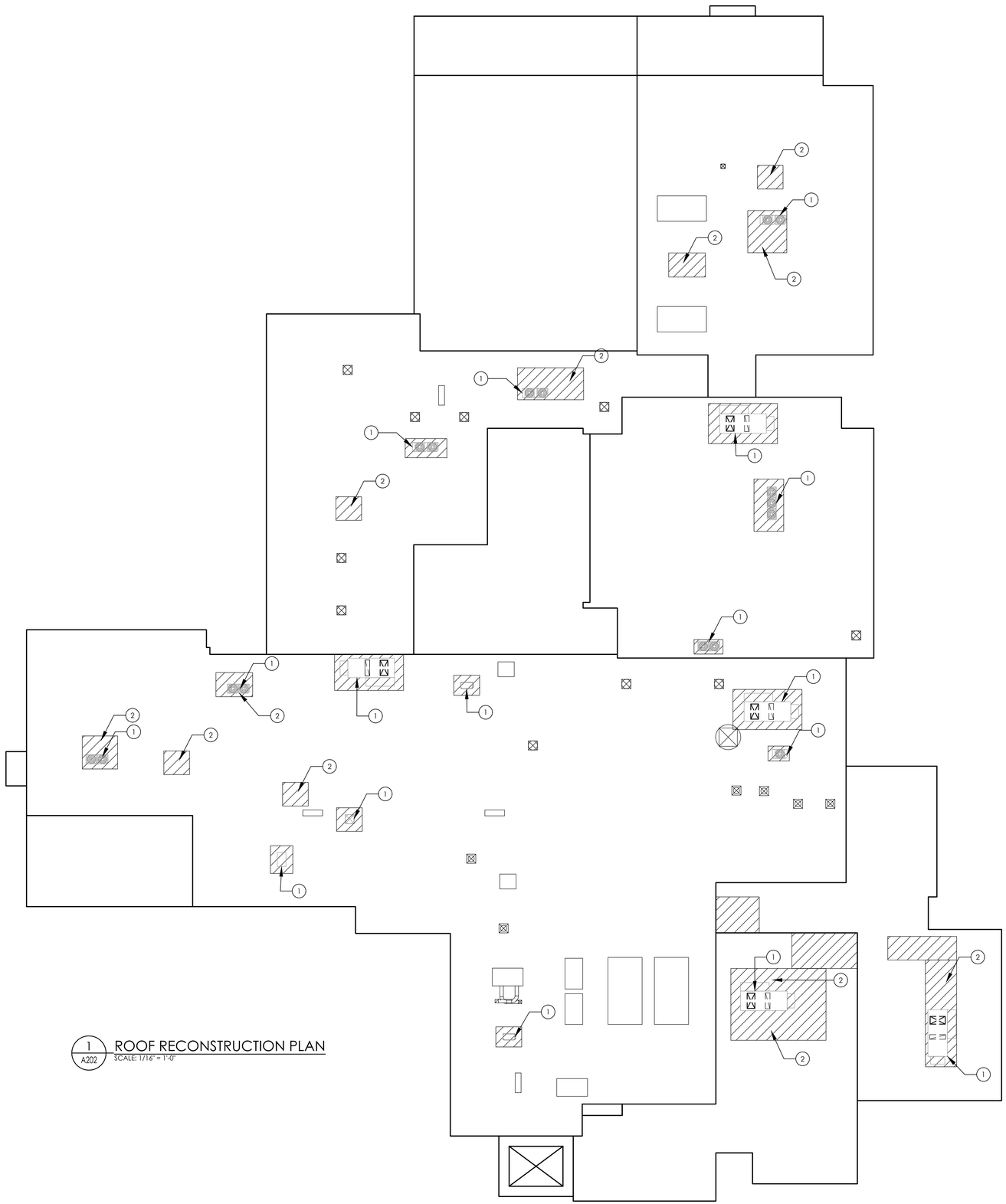
Drawn By
TLB

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\D Design\06 CAD\ACAD\ARCH\PMS\A201.dwg
Date last accessed: 12/13/2022 2:31 PM
Date last plotted: 12/13/2022 2:53 PM
Plotted By: Lisa Rozbicki



1 A202 ROOF RECONSTRUCTION PLAN
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 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.

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SHEET INFORMATION

Issued	Scale
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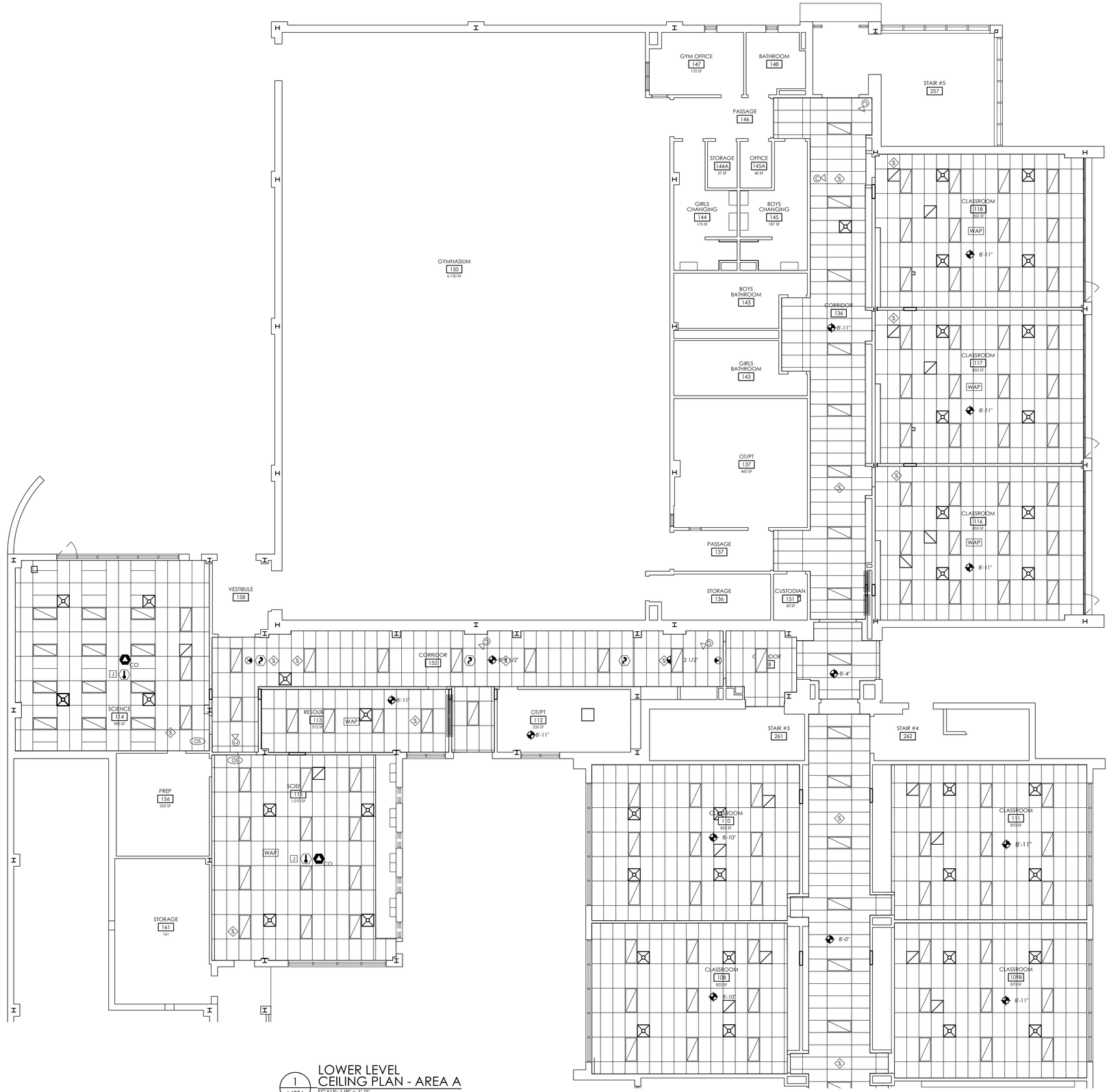
Project Status	
BID SUBMISSION	
Drawn By	Checked By
RA	LT

Drawing Title
ROOF RECONSTRUCTION PLAN

Drawing Number
PMS
A202



1 A600A

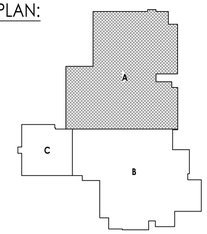
LOWER LEVEL CEILING PLAN - AREA A

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

CEILING LEGEND:

- GYPSUM BOARD CEILING SYSTEM
- SUSPENDED ACOUSTIC CEILING SYSTEM (ACT) NEW 2' X 2'
- 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.
- 2X4 RECESSED PARABOLIC LIGHT BY E.C.
- 2X4 SURFACE MOUNTED LIGHT BY E.C.
- (H) MODIFY EXISTING CEILING GRID TO ACCOMODATE NEW CEILING DIFFUSER

KEY PLAN:



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Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL CEILING PLAN -AREA A

Drawing Number
PMS
A600A

Sheet size: 24x36
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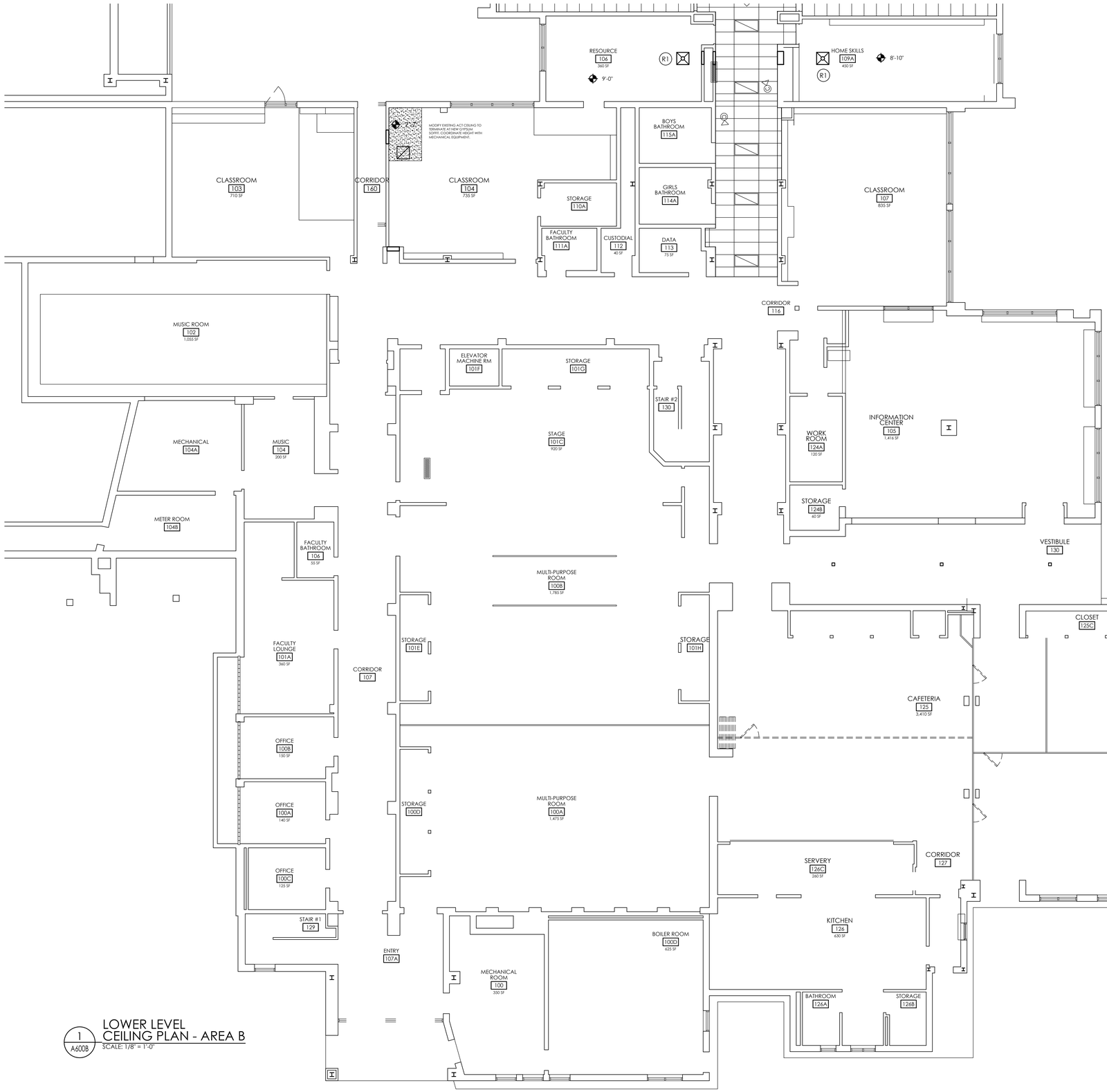
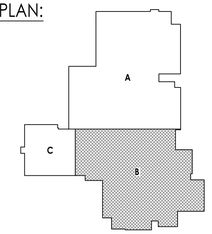


1 / A600B
LOWER LEVEL
CEILING PLAN - AREA B
SCALE: 1/8" = 1'-0"

CEILING LEGEND:

- GYPSUM BOARD CEILING SYSTEM
- SUSPENDED ACOUSTIC CEILING SYSTEM (ACT) NEW 2' X 2'
- 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.
- 2X4 RECESSED PARABOLIC LIGHT BY E.C.
- 2X4 SURFACE MOUNTED LIGHT BY E.C.
- R1 MODIFY EXISTING CEILING GRID TO ACCOMODATE NEW CEILING DIFFUSER

KEY PLAN:



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Project Number
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Project Name
MIDDLE SCHOOL HVAC REPLACEMENT

Project Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE MIDDLE SCHOOL
☐ 66-08-09-03-0-003-023

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL CEILING PLAN -AREA B

Drawing Number
PMS
A600B

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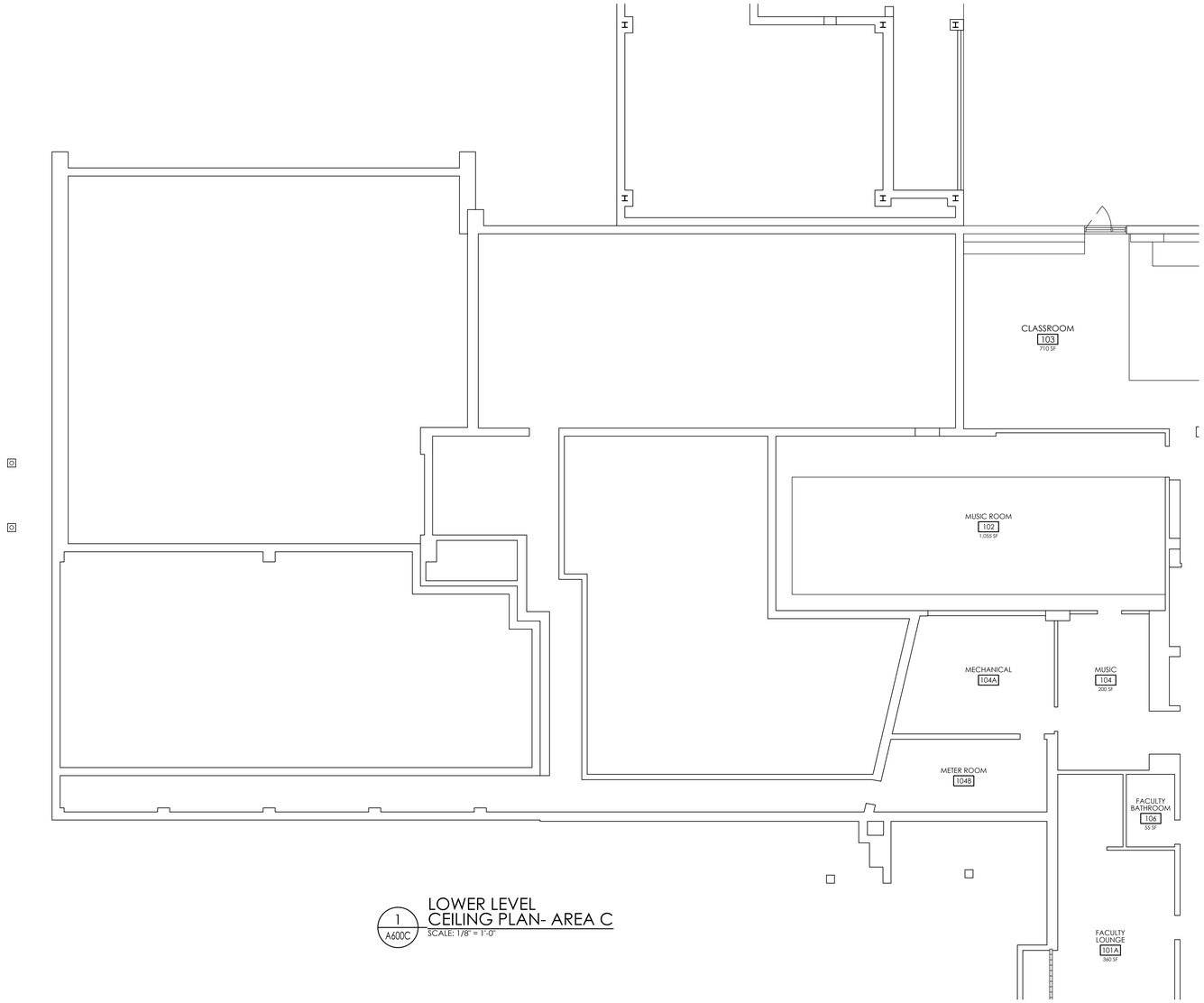
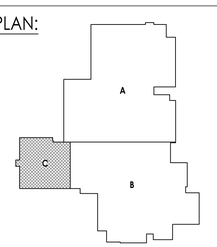


1 A600C
LOWER LEVEL
CEILING PLAN- AREA C
SCALE: 1/8" = 1'-0"

CEILING LEGEND:

- GYPSUM BOARD CEILING SYSTEM
- SUSPENDED ACOUSTIC CEILING SYSTEM (ACT) NEW 2' X 2'
- 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.
- 2X4 RECESSED PARABOLIC LIGHT BY E.C.
- 2X4 SURFACE MOUNTED LIGHT BY E.C.
- (R) MODIFY EXISTING CEILING GRID TO ACCOMODATE NEW CEILING DIFFUSER

KEY PLAN:



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Project Status
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Drawn By	Checked By
TLB	LT

Drawing Title
LOWER LEVEL CEILING PLAN -AREA C

Drawing Number
PMS
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Sheet size: 24x36
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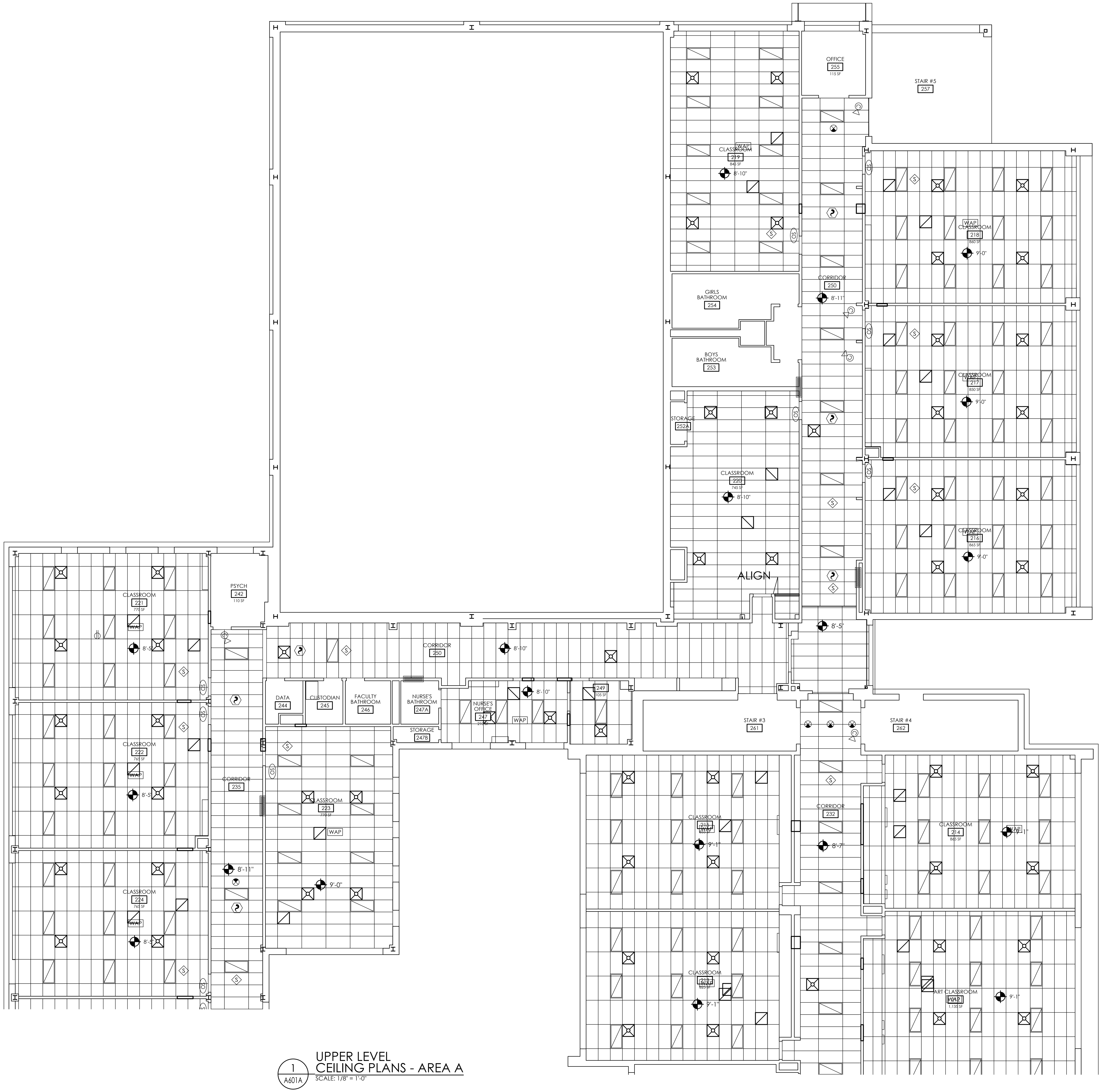
Plotted By: Lisa Rozbicki



1
A601A
UPPER LEVEL
CEILING PLANS - AREA A
SCALE: 1/8" = 1'-0"

CEILING LEGEND:

- GYPSUM BOARD CEILING SYSTEM
- SUSPENDED ACOUSTIC CEILING SYSTEM (ACT) NEW 2' X 2'
- 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.
- 2X4 RECESSED PARABOLIC LIGHT BY E.C.
- 2X4 SURFACE MOUNTED LIGHT BY E.C.
- (R1) MODIFY EXISTING CEILING GRID TO ACCOMODATE NEW CEILING DIFFUSER

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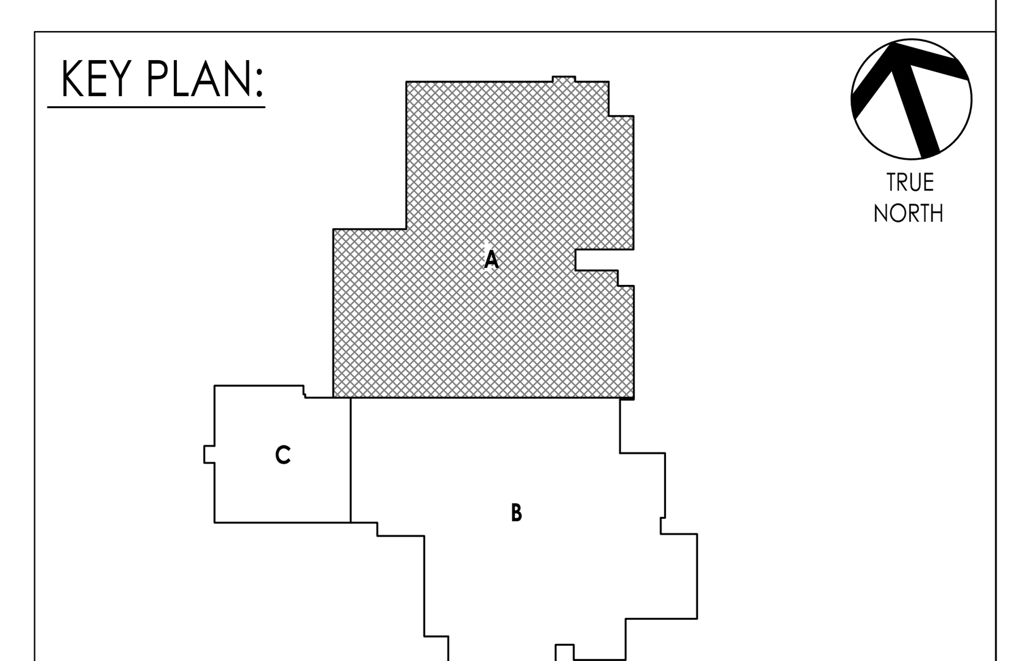
KEY PLAN:



SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL CEILING PLANS -AREA A

Drawing Number
PMS
A601A

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\A_A601.dwg
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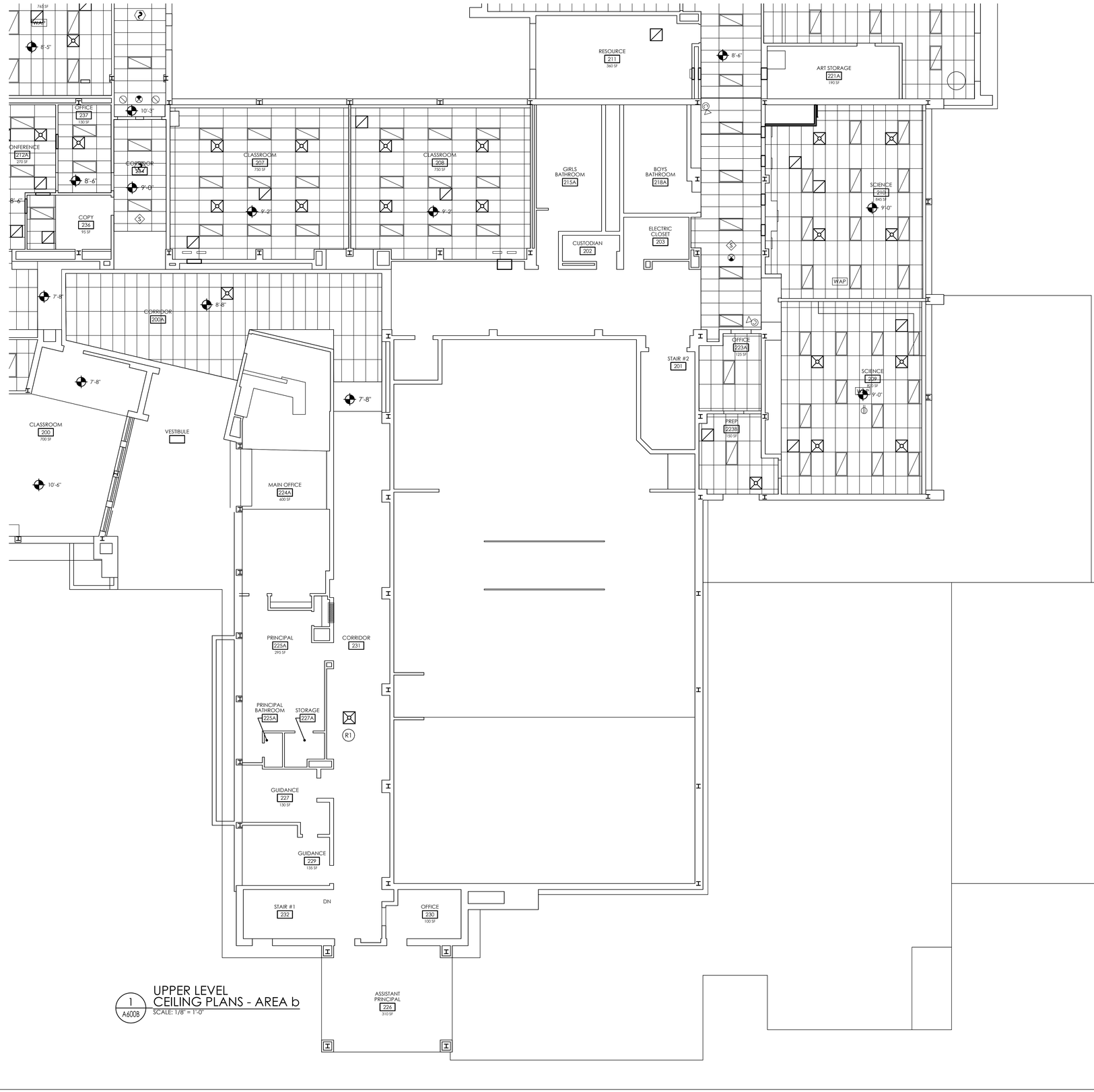
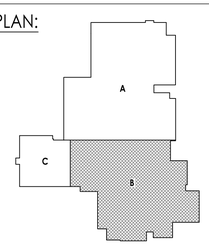


1 / A6008 UPPER LEVEL CEILING PLANS - AREA b
SCALE: 1/8" = 1'-0"

CEILING LEGEND:

- GYPSUM BOARD CEILING SYSTEM
- SUSPENDED ACOUSTIC CEILING SYSTEM (ACT) NEW 2' X 2'
- 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.
- 2X4 RECESSED PARABOLIC LIGHT BY E.C.
- 2X4 SURFACE MOUNTED LIGHT BY E.C.
- (R1) MODIFY EXISTING CEILING GRID TO ACCOMODATE NEW CEILING DIFFUSER

KEY PLAN:



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SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL CEILING PLANS - AREA 2

Drawing Number
PMS
A601B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\04 CAD\ACAD\ARCH\A6\A-A601.dwg
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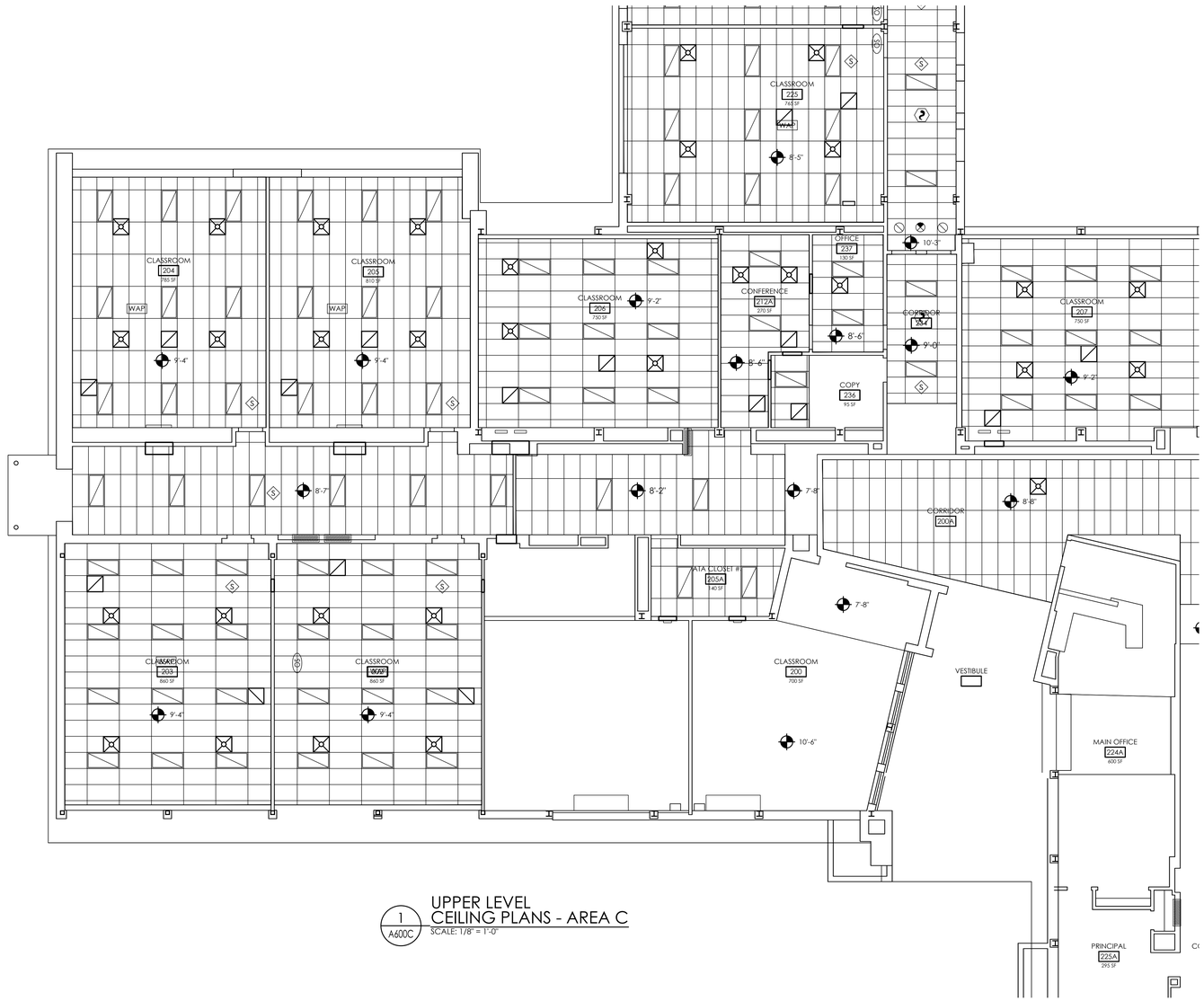
Date last plotted: 12/13/2022 2:54 PM
Plotted By: Lisa Rozbicki

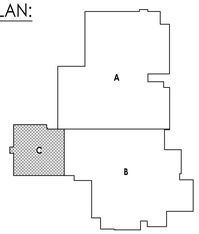


1 / A600C
UPPER LEVEL CEILING PLANS - AREA C
SCALE: 1/8" = 1'-0"

CEILING LEGEND:

- GYPSUM BOARD CEILING SYSTEM
- SUSPENDED ACOUSTIC CEILING SYSTEM (ACT) NEW 2' X 2'
- 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.
- 2X4 RECESSED PARABOLIC LIGHT BY E.C.
- 2X4 SURFACE MOUNTED LIGHT BY E.C.
- (S) MODIFY EXISTING CEILING GRID TO ACCOMODATE NEW CEILING DIFFUSER

KEY PLAN:



TRUE NORTH

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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
66-08-09-03-0-003-023

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/2022	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
TLB	LT

Drawing Title
UPPER LEVEL CEILING PLANS -AREA C

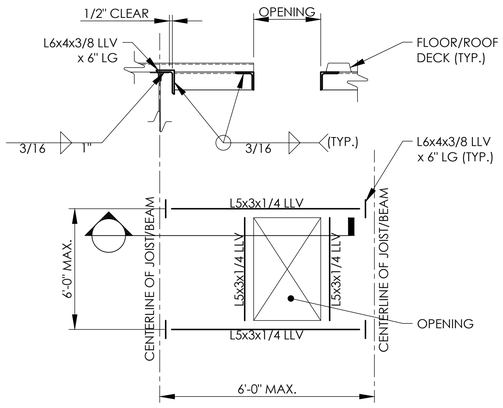
Drawing Number
PMS A601C

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\A\A601.dwg
Date last accessed: 12/13/2022 2:31 PM
Date last plotted: 12/13/2022 2:54 PM
Plotted By: Lisa Rozbicki

MASONRY LINTEL SCHEDULE

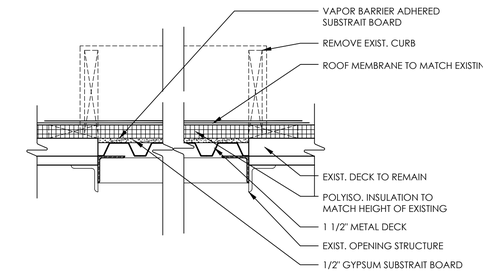
WALL TYPE	SPAN	LINTEL	SECTION
4" MASONRY OR VENEER	0'-8" TO 4'-6"	L4x3 1/2x5/16 LLV	
	4'-7" TO 5'-6"	L4x3 1/2x5/16 LLV	
	5'-7" TO 6'-6"	L5x3 1/2x5/16 LLV	
	6'-7" TO 7'-6"	L6x3 1/2x5/16 LLV	
6" MASONRY	0'-0" TO 1'-3"	BOND BEAM W/ (1) #4	
	1'-4" TO 4'-6"	WT4x9	
	4'-7" TO 5'-6"	WT4x10.5	
	5'-7" TO 6'-6"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

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 1/2x$^5/_{16}$ 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.

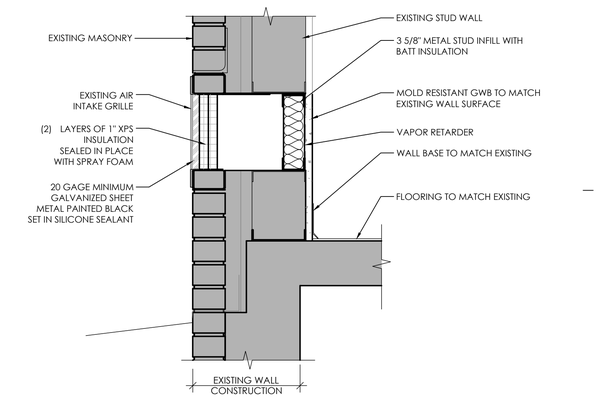


DETAIL NOTES:
1. THE ABOVE STEEL SIZES SHALL BE USED UNLESS NOTED OTHERWISE ON THE PLANS.
2. CONTRACTOR TO COORDINATE EQUIPMENT AND OPENING SUPPORTS WITH MECHANICAL CONTRACTOR AND FINAL APPROVED EQUIPMENT SUBMITTAL.

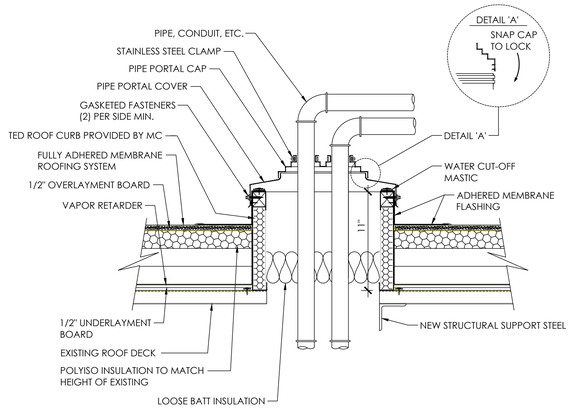
5 / A700 ROOF OR FLOOR OPENING SUPPORT DETAIL
SCALE: N.T.S.



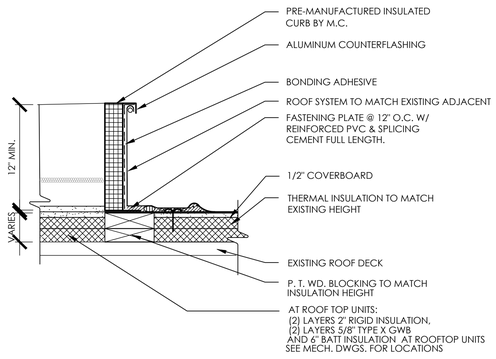
4 / A700 TYPICAL ROOF DECK INFILL DETAIL
SCALE: 1 1/2" = 1'-0"



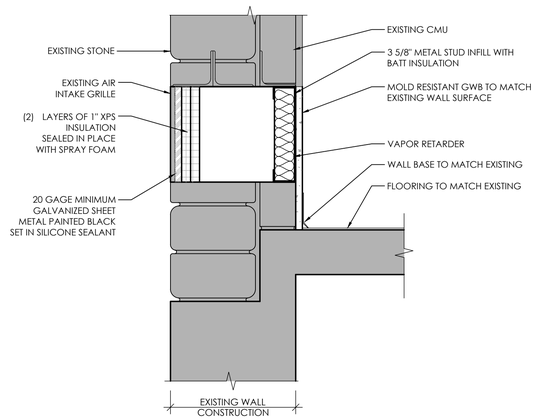
6 / A700 LOUVER INFILL DETAIL
SCALE: 1 1/2" = 1'-0"



1 / A700 PIPE PORTAL DETAIL
SCALE: 1 1/2" = 1'-0"



2 / A700 TYPICAL ROOF CURB FLASHING DETAIL
SCALE: 1 1/2" = 1'-0"



3 / A700 LOUVER INFILL DETAIL
SCALE: 1 1/2" = 1'-0"

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Multiple Building Names
66-08-01-03-0-003-025

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BID SUBMISSION

Drawn By	Checked By
RA	LT

Drawing Title
DETAILS

Drawing Number
PMS
A700

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ARCH\AP\A700.dwg
Date last accessed: 12/13/2022 2:30 PM
Date last plotted: 12/13/2022 2:54 PM
Plotted By: Lisa Rozbicki

HVAC SYMBOLS LIST

SYMBOL	DESCRIPTION
AAD	AUTOMATIC AIR DAMPER
ACC	AIR-COOLED CONDENSING UNIT
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AHU	AIR HANDLING UNIT
BBD	BOILER BLOW DOWN
BD	BACKDRAFT DAMPER
CA	COMPRESSED AIR
CD	COOLING COIL CONDENSATE DRAIN
CFM	CUBIC FEET PER MINUTE
CHWR	CHILLED WATER RETURN
CHWS	CHILLED WATER SUPPLY
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CW	DOMESTIC COLD WATER
D	DRAIN
(E)	EXISTING
EA	EXHAUST AIR
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ERHC	ELECTRIC REHEAT COIL
ETR	EXISTING TO REMAIN
EUH	ELECTRIC UNIT HEATER
F&T	FLOAT AND THERMOSTATIC TRAP
FCU	FAN-COIL UNIT
FPM	FEET PER MINUTE
FT	FIN-TUBE
GC	GENERAL CONTRACTOR
GR	GLYCOL RETURN
GS	GLYCOL SUPPLY
HC	HVAC CONTRACTOR
HHWR	HEATING HOT WATER RETURN
HHWS	HEATING HOT WATER SUPPLY
HP	HEAT PUMP
HPC	HIGH PRESSURE CONDENSATE
HPS	HIGH PRESSURE STEAM
LF	LINEAR FOOTAGE OF FIN-TUBE RADIATION
LPC	LOW PRESSURE CONDENSATE
LPG	LIQUEFIED PROPANE GAS
LPS	LOW PRESSURE STEAM
MBH	1,000 BTU/HR
MC	MECHANICAL CONTRACTOR
MPC	MEDIUM PRESSURE CONDENSATE
MPS	MEDIUM PRESSURE STEAM
MRD	MONOFLO FITTING DOWN – HHWR
MSD	MONOFLO FITTING DOWN – HHWS
MUW	MAKE-UP WATER
NC	NORMALLY CLOSED
NG	NATURAL GAS
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
PC	PLUMBING CONTRACTOR
PD	PUMP DISCHARGE
PHWR	PRIMARY HEATING HOT WATER RETURN
PHWS	PRIMARY HEATING HOT WATER SUPPLY
RA	RETURN AIR
RD	REFRIGERANT DISCHARGE
RHC	HOT WATER REHEAT COIL
RLL	REFRIGERANT LIQUID PIPE
RSL	REFRIGERANT SUCTION PIPE
RTU	ROOFTOP UNIT
RV	ROOF VENT
SA	SUPPLY AIR
SHWR	SECONDARY HEATING HOT WATER RETURN
SHWS	SECONDARY HEATING HOT WATER SUPPLY
SSI	SPLIT SYSTEM INDOOR SECTION (EVAPORATOR SECTION)
SSO	SPLIT SYSTEM OUTDOOR SECTION (CONDENSING UNIT)
TC	TEMPERATURE CONTROLS CONTRACTOR
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VENT
WAHP	WATER-TO-AIR HEAT PUMP
WWHP	WATER-TO-WATER HEAT PUMP

SYMBOL	DESCRIPTION
	CONNECTION - TOP
	CONNECTION - BOTTOM
	DIRECTION OF FLOW
	REDUCER
	CAP OR PLUG
	ELBOW DOWN
	ELBOW UP
	TEE OUTLET - UP
	TEE OUTLET - DOWN
	UNION
	GATE VALVE
	BALL VALVE
	BALANCING VALVE
	STRAINER
	STRAINER WITH BLOW-DOWN
	BUTTERFLY VALVE
	BUTTERFLY CONTROL VALVE, PNEUMATIC 2-WAY
0.3 0.80	BUTTERFLY CONTROL VALVE, ELECTRIC ACTUATOR
	GLOBE VALVE
	CHECK VALVE
	TRIPLE DUTY VALVE
	GAS COCK, PLUG VALVE
U	UNDERCUT DOOR 1"
	LOUVERED DOOR W/ SQ. FT. OF FREE AREA
M	AIR VENT - MANUAL
A	AIR VENT - AUTOMATIC
	FLANGE
	CONTROL/SOLENOID VALVE, ELECTRIC 2-WAY
	CONTROL VALVE, ELECTRIC 3-WAY
	CONTROL VALVE, PNEUMATIC 2-WAY
	CONTROL VALVE, PNEUMATIC 3-WAY
	RELIEF / SAFETY VALVE
	PRESSURE REDUCING VALVE
V	VACUUM BREAKER
	FLEXIBLE PIPE CONNECTOR
	EXPANSION COMPENSATOR W/ GUIDES
	EXPANSION JOINT
	PIPE ANCHOR
	PIPE GUIDE
TT	THERMOSTATIC TRAP
FT	FLOAT & THERMOSTATIC TRAP
BT	BUCKET TRAP
TD	THERMODYNAMIC TRAP
	THERMOMETER
	WELL
	PRESSURE GAUGE
	STEAM PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PRESSURE GAUGE WITH 1/4" NEEDLE VALVE
	PNEUMATIC (CONTROL) TUBING
	BUTTERFLY VALVE WITH PNEUMATIC AND MANUAL OPERATORS
XX	PIPING
XX	PIPING BELOW GRADE
	BASE MOUNTED PUMP
	IN-LINE PUMP
	AIR TERMINAL UNIT WITH REHEAT COIL AND SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH SOUND ATTENUATOR
	AIR TERMINAL UNIT WITH REHEAT COIL
	AIR TERMINAL UNIT
W/W ENCL.	WALL TO WALL FIN TUBE ENCLOSURE

SYMBOL	DESCRIPTION
(DBL)	DOUBLE WALL LINED DUCT
20/10	DUCT SECTION - SUPPLY
20/10	DUCT SECTION - RETURN/EXHAUST
A"	DUCT SECTION - ROUND DUCT IN INCHES
AXB F/O	DUCT SECTION - FLAT OVAL DUCT IN INCHES
	ACOUSTIC THERMAL LINING
	FLEXIBLE DUCTWORK
FC	FLEXIBLE CONNECTION
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE AND SMOKE DAMPER
VD	VOLUME DAMPER
	DAMPER CONTROL, PARALLEL BLADE
	DAMPER CONTROL, OPPOSED BLADE
AAD	AUTOMATIC AIR DAMPER
BDD	BACK DRAFT DAMPER
BG	BLAST GATE
20/10 / 12X10 / 10/20	AIR DUCT (FIRST FIGURE IS DUCT WIDTH/TOP, SECOND FIGURE IS DUCT DEPTH)
	MULTI-BLADE AIR EXTRACTOR
	TURNING VANES
	EXISTING WORK TO BE REMOVED (HATCHED)
	POINT OF CONNECTION
	POINT OF DISCONNECTION
	AIR FLOW SENSOR
	FILTER
	TRANSITION SQUARE TO ROUND
	HUMIDIFIER DISPERSION TUBE
RISE	RISE IN DUCT
DROP	DROP IN DUCT
	SQUARE CEILING DIFFUSER (4 WAY)
	ROUND CEILING DIFFUSER
	SQUARE OR RECTANGULAR CEILING GRILLE
	SUPPLY REGISTER, RETURN OR EXHAUST GRILLE
1-WAY 2-WAY 3-WAY	SUPPLY DIFFUSER, 1-WAY, 2-WAY, 3-WAY
8"Ø, D-3, 300 CFM	CEILING DIFFUSER WITH NECK SIZE, TYPE, & CFM
10"x10", G-3, 300 CFM	CEILING RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
10"x8", R-2, 300 CFM	SUPPLY REGISTER WITH SIZE, TYPE, & CFM
10"x8", G-2, 300 CFM	RETURN OR EXHAUST GRILLE WITH SIZE, TYPE, & CFM
	AIR FLOW
L1	ACOUSTIC/THERMAL DUCTWORK LINING - 1 INCH THICK
L2	ACOUSTIC/THERMAL DUCTWORK LINING - 2 INCH THICK
PL1	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 1 INCH THICK
PL2	ACOUSTIC/THERMAL DUCTWORK PLENUM LINING - 2 INCH THICK

SYMBOL	DESCRIPTION
24X12 / 12X10 / VD	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
24X12 / 8"Ø / VD	SUPPLY / RETURN / EXHAUST AIR TAKEOFFS
14"Ø / 10"Ø / VD	SUPPLY AIR TAKEOFFS
14"Ø / 10"Ø / VD	SUPPLY AIR TAKEOFFS
24X12 / 6X12 / 12X10 / 18X12 / 20X12	SUPPLY AIR TAKEOFFS
24X12 / 12X10 / VD	SUPPLY/RETURN EXHAUST AIR TAKEOFFS W/ REGISTER/GRILLE/ DIFFUSER
VD	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS
VD	SUPPLY/RETURN EXHAUST AIR END OF MAIN BRANCH TAKEOFFS
W R	LONG RADIUS 90° ELBOW R/W=1.5
W R	LONG RADIUS 45° ELBOW R/W=1.5
	90° ELBOW WITH TURNING VANES
18X16 / 18X8	90 VERTICAL SPLIT OFF (PLAN VIEW)
20X10 / 20X10	DUCT TURNING UP OR DOWN
U MAX MIN	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE MAX = MAXIMUM CFM MIN = MINIMUM CFM
U GPM MAX	AIR TERMINAL UNIT-DUCTWORK U - UNIT TYPE GPM = GALLONS PER MIN MAX = MAXIMUM GPM
U MAX MIN FAN	FAN POWERED AIR TERMINAL UNIT U - UNIT TYPE MAX = PRIMARY MAX CFM MIN = PRIMARY MIN CFM FAN = FAN CFM
TYPE / COIL SIZE / CLNG GPM / HTNG GPM	TYPE = VALANCE TYPE COIL SIZE = COIL LENGTH CLNG GPM = COOLING GPM HTNG GPM = HEATING GPM
X / XX	X = DIFFUSER OR GRILL TYPE XX = AIR FLOW VALUE (CFM)

SYMBOL	DESCRIPTION
	ELECTRIC/PNEUMATIC SWITCH OR RELAY
	PNEUMATIC/ELECTRIC SWITCH OR RELAY
CT	CURRENT TRANSDUCER
	OPEN/CLOSED
	START/STOP
	ENABLE/DISABLE
T	TEMPERATURE SENSOR (DUCT OR PIPE MOUNTED)
H	HUMIDITY SENSOR (DUCT MOUNTED)
F	FLOW TRANSMITTER
P	PRESSURE TRANSMITTER
DP	DIFFERENTIAL PRESSURE TRANSMITTER
E/P	ELECTRIC/PNEUMATIC TRANSDUCER
E/E	ELECTRIC/ELECTRONIC TRANSDUCER
	DUCT SMOKE DETECTOR
T	SPACE THERMOSTAT
T	SPACE TEMPERATURE SENSOR
CO2	SPACE CARBON DIOXIDE SENSOR
CH4	SPACE NATURAL GAS SENSOR
CO	SPACE CARBON MONOXIDE SENSOR
G	SPACE SENSOR WITH GUARD
H	SPACE HUMIDISTAT
FS	WATER FLOW SENSOR
PA	PNEUMATIC ACTUATOR
	ELECTRIC ACTUATOR
VSD / VFD	VARIABLE SPEED / FREQUENCY DRIVE
	COOLING COIL
	HEATING COIL
	GAS FURNACE
H	HUMIDIFIER
A	ALARM
S	STATUS
FS	FLOW SWITCH
AP	DIFFERENTIAL STATIC PRESSURE SWITCH
R	RELAY
	PRESSURE GAUGE
FZ	FREEZE-STAT
DI	DIGITAL INPUT (TO BUILDING MANAGEMENT SYSTEM)
DO	DIGITAL OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AO	ANALOG OUTPUT (FROM BUILDING MANAGEMENT SYSTEM)
AI	ANALOG INPUT (TO BUILDING MANAGEMENT SYSTEM)
	ELECTRICAL INTERFACE
SF	SPEED FEED BACK
ES	END SWITCH
PF	POSITION FEEDBACK
	TRAVERSE AVERAGING SENSOR
	PROBE SENSOR
	FREEZE STAT SENSOR

SYMBOLS GENERAL NOTES:

1) VALVE AND DAMPER ACTUATOR TYPES (ELECTRIC OR PNEUMATIC) WHICH ARE INDICATED IN HVAC TEMPERATURE CONTROL DRAWINGS SHALL SUPERSEDE TYPE INDICATED ON ALL OTHER HVAC DRAWINGS.

HVAC CONTRACTOR GENERAL NOTES:

A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION.

C. DEMOLITION DRAWINGS SHOW MAJOR EQUIPMENT, PIPING, AND DUCTWORK REMOVALS. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING, CONDUIT, AND PNEUMATIC CONTROL TUBING TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING, OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

D. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

E. BEFORE DISCONNECTING, REMOVING, OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING THE WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.

F. ALL DUCTWORK, PIPING, AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPINGS PER SPECIFICATION. REFER TO CODE ANALYSIS DRAWING FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

G. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACT TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS, AND EXTERIOR WALLS AFTER DEMOLITION WORK. IN ADDITION, ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, CURBING, DUCTWORK, PIPING, CONTROLS, ETC. PATCHING AND FINISHING SHALL MATCH EXISTING CONSTRUCTION INCLUDING FIRE RATINGS. PROVIDE LINTELS PER LINTEL SCHEDULE.

H. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS AND DRAINS IN THE PIPING SYSTEMS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE COMPLETE DRAINING OF THE SYSTEM .

I. PROVIDE THERMAL EXPANSION COMPENSATORS AND THERMAL EXPANSION LOOPS IN PIPING SYSTEM PER INDUSTRY STANDARDS.

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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 ANY ITEM ON THIS PLAN. IF ANY 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.

SHEET INFORMATION
Issued
12/16/22
Scale
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Project Status
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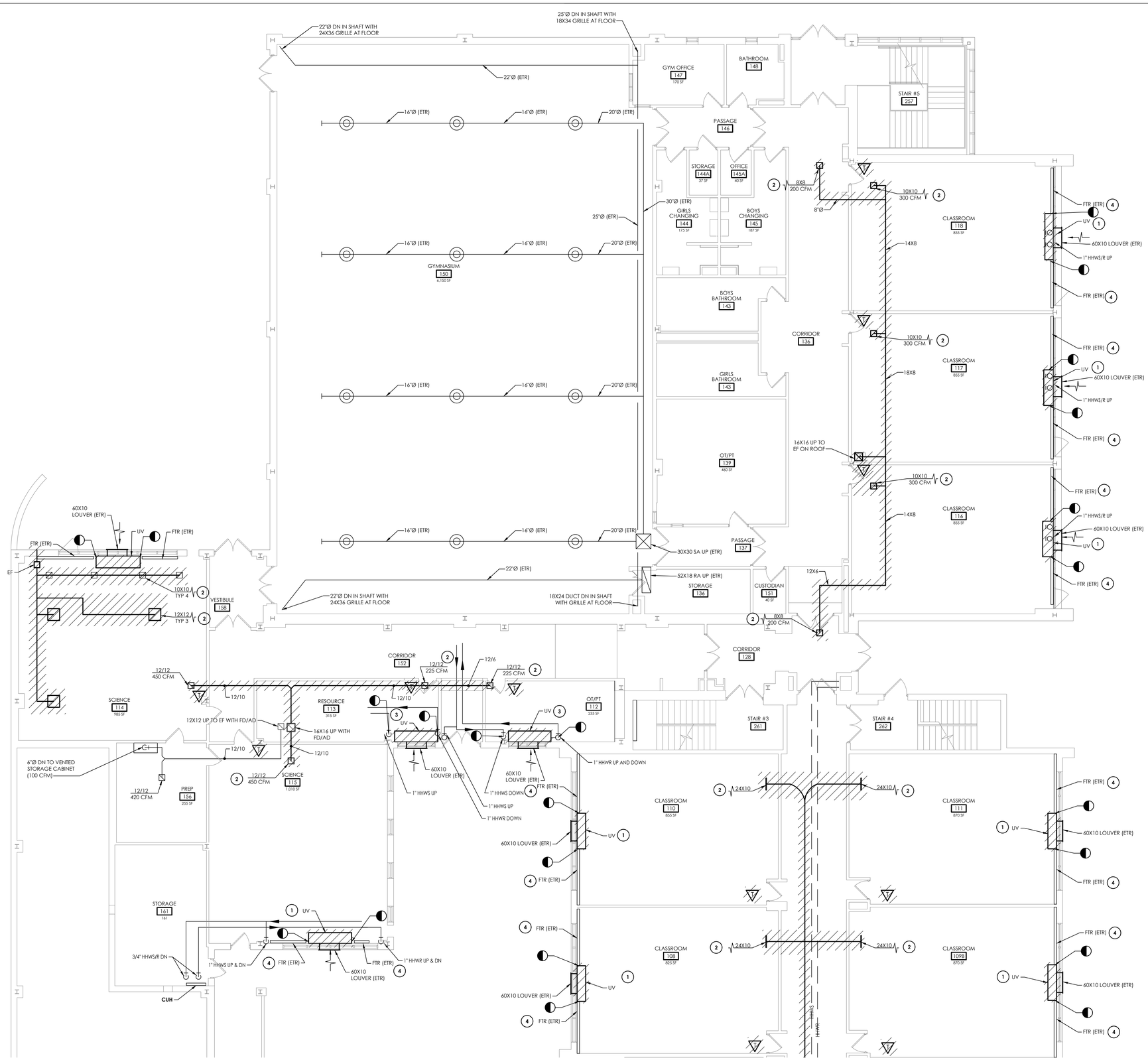
HVAC LEGEND AND GENERAL NOTES

Drawing Number
PMS
H000



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.

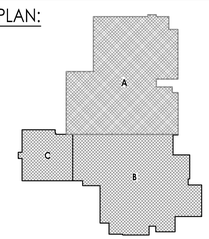
KEY NOTES:

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.

1 H100A LOWER LEVEL MECHNICAL DEMOLITION PLAN - AREA A

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

KEY PLAN:



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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

56-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title: LOWER LEVEL MECHANICAL DEMOLITION PLAN AREA A

Drawing Number: PMS H100A

Plotted By: Brendon Mazza
Date last plotted: 12/16/2022 9:09 AM
Date last accessed: 12/13/2022 2:31 PM
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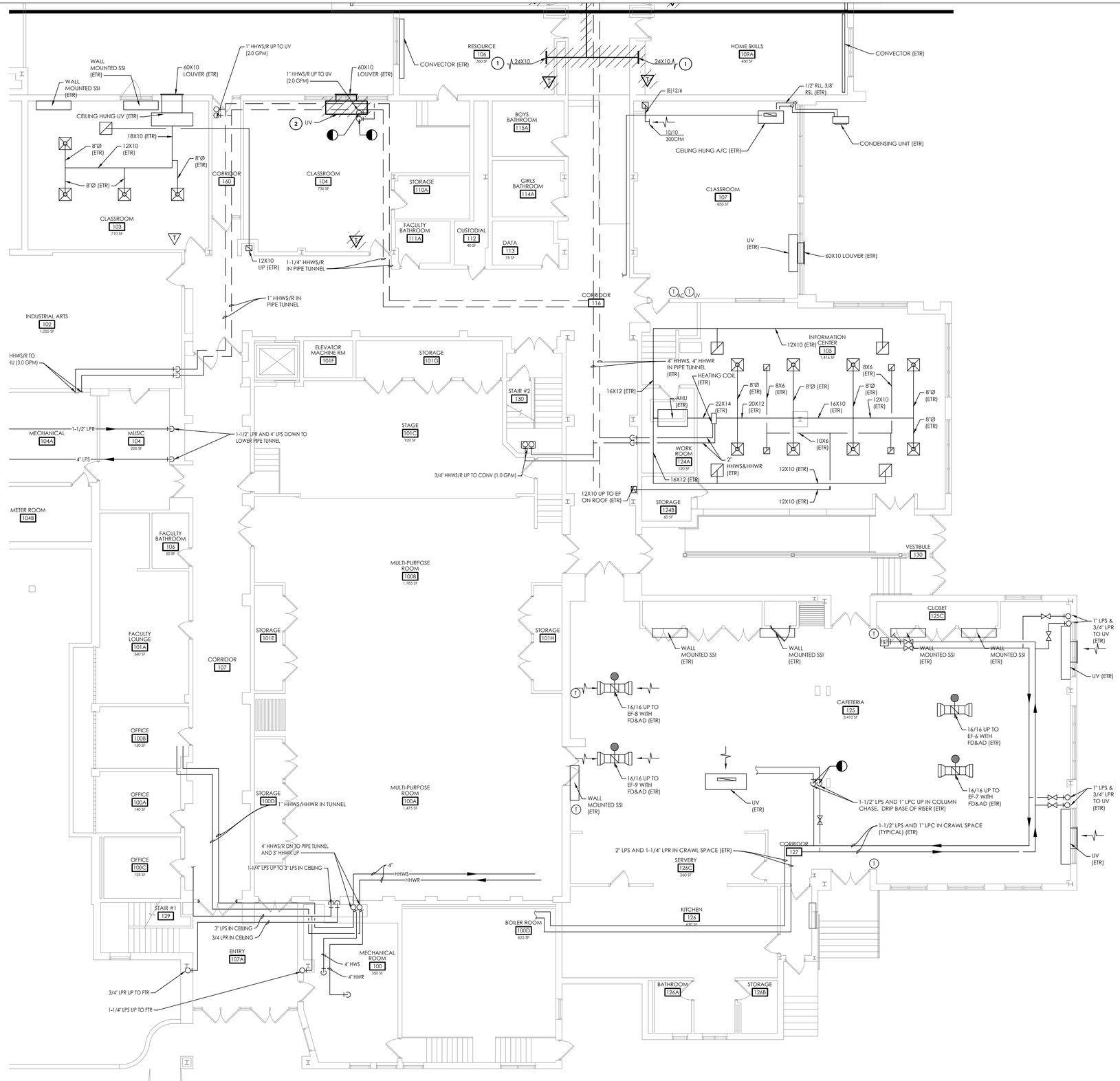
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\H\H100.dwg



1 H100B **LOWER LEVEL MECHNICAL DEMOLITION PLAN-AREA B**

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

GENERAL NOTES:

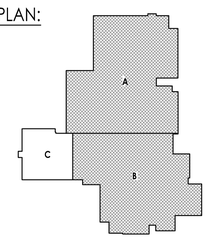
1. VERIFY ALL PIPE AND DUCT SIZES AND LOCATION PRIOR TO DEMOLITION.
2. REUSE EXISTING DUCT AND PIPE PENETRATIONS WHERE POSSIBLE. MC TO PATCH ALL WALL AND FLOOR PENETRATIONS OF UN-RATED ASSEMBLIES. COORDINATE ALL PATCHING OF RATED ASSEMBLIES WITH GC.

KEY NOTES:

(1) REMOVE EXISTING EXHAUST GRILLES AND EXHAUST DUCTWORK IN ITS ENTIRETY INCLUDING EXHAUST FAN ON ROOF. MAINTAIN ALL EXISTING ROOF WARRANTIES.

(2) 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.

KEY PLAN:



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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
☐ 66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
LOWER LEVEL HVAC DEMOLITION PLAN-AREA B BASE BID

Drawing Number
PMS H100B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\H\H100.dwg
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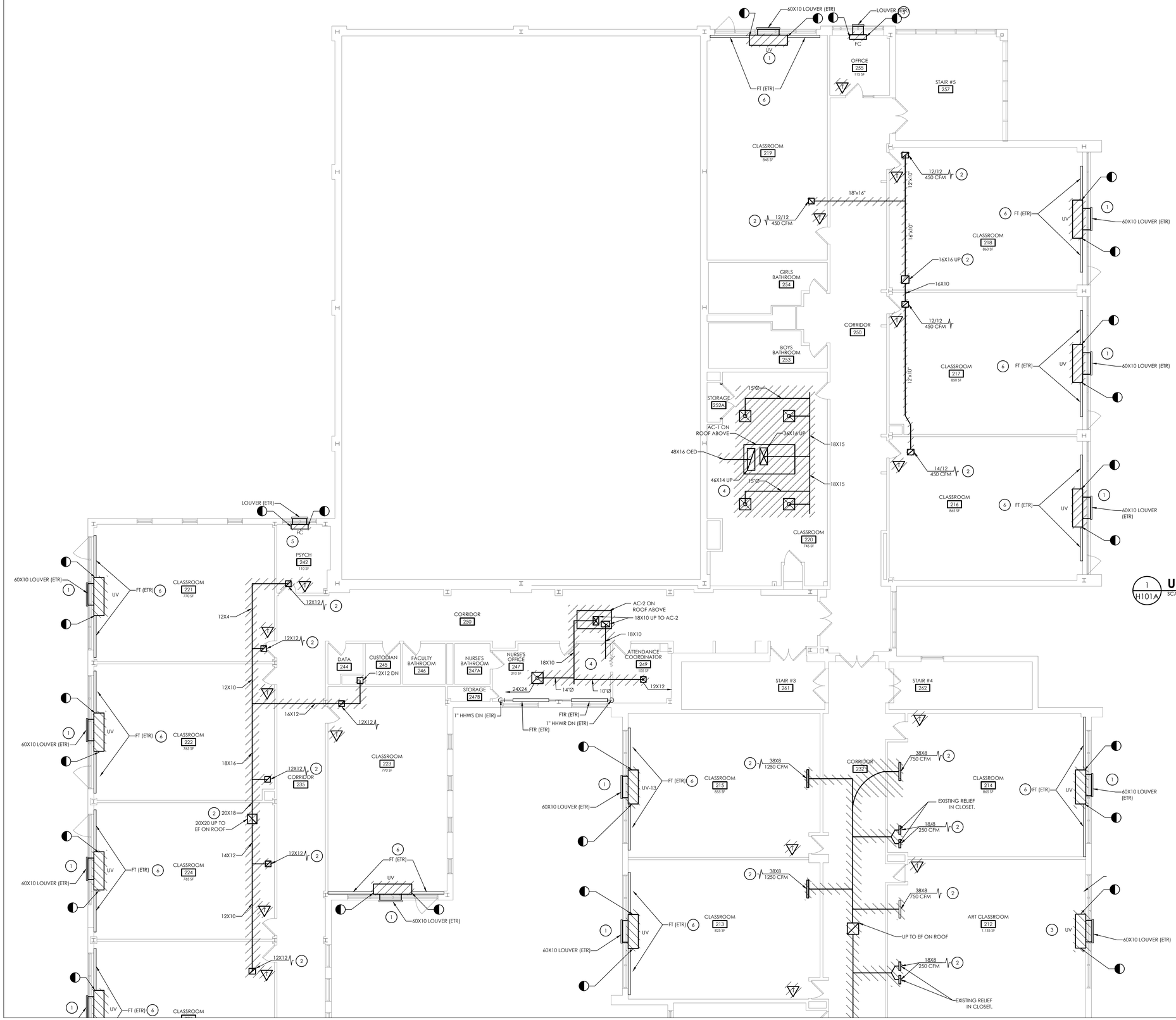
Plotted By: Brendon Mazza



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.

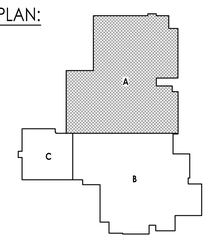
KEY NOTES:

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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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

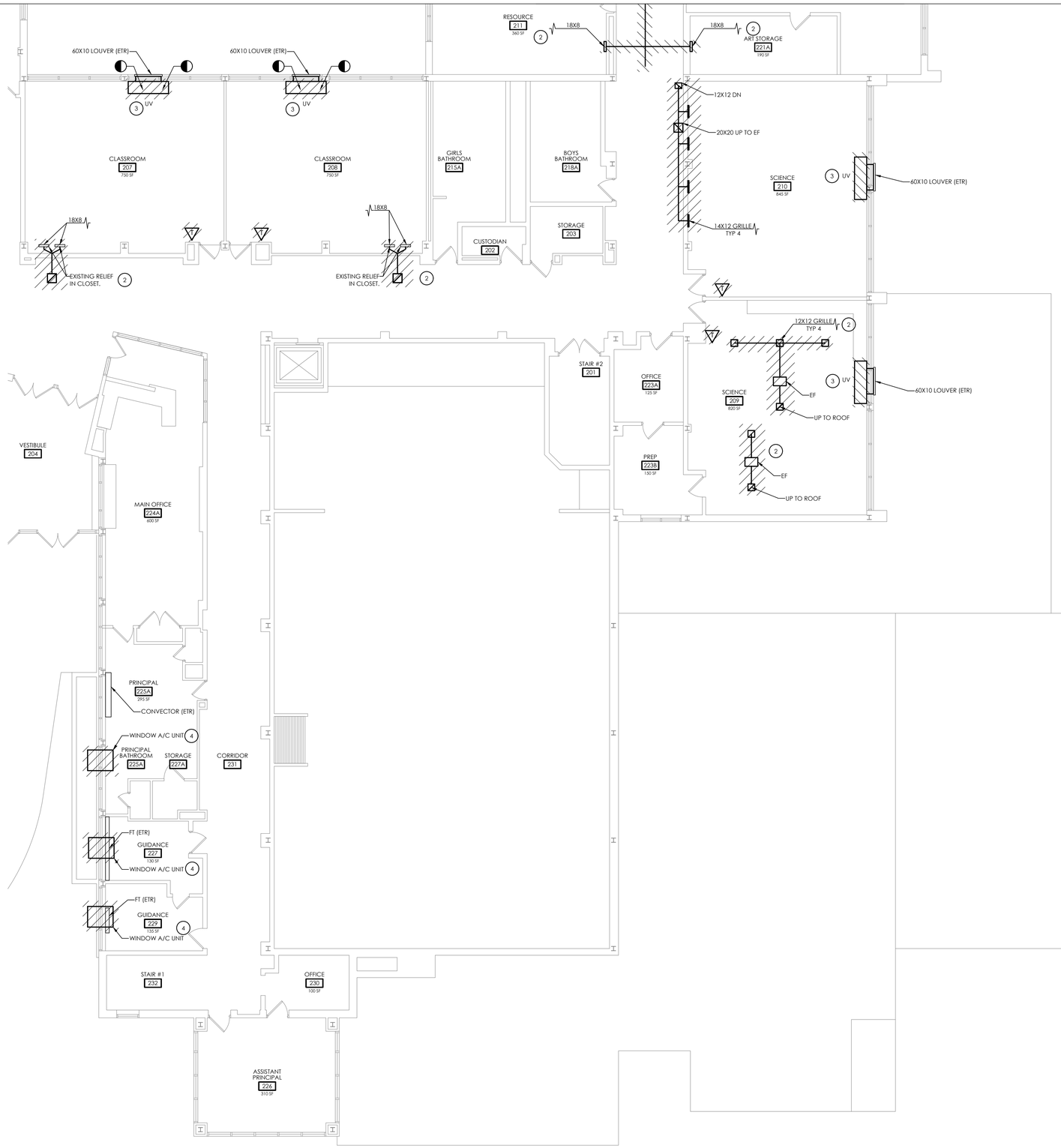
PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL HVAC DEMOLITION PLAN- AREA A

Drawing Number
PMS
H101A



1 H101B **UPPER LEVEL HVAC DEMOLITION PLAN-AREA B**

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

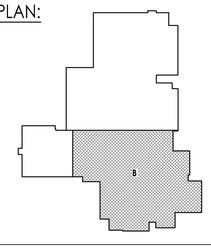
GENERAL NOTES:

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 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.

KEY PLAN:



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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

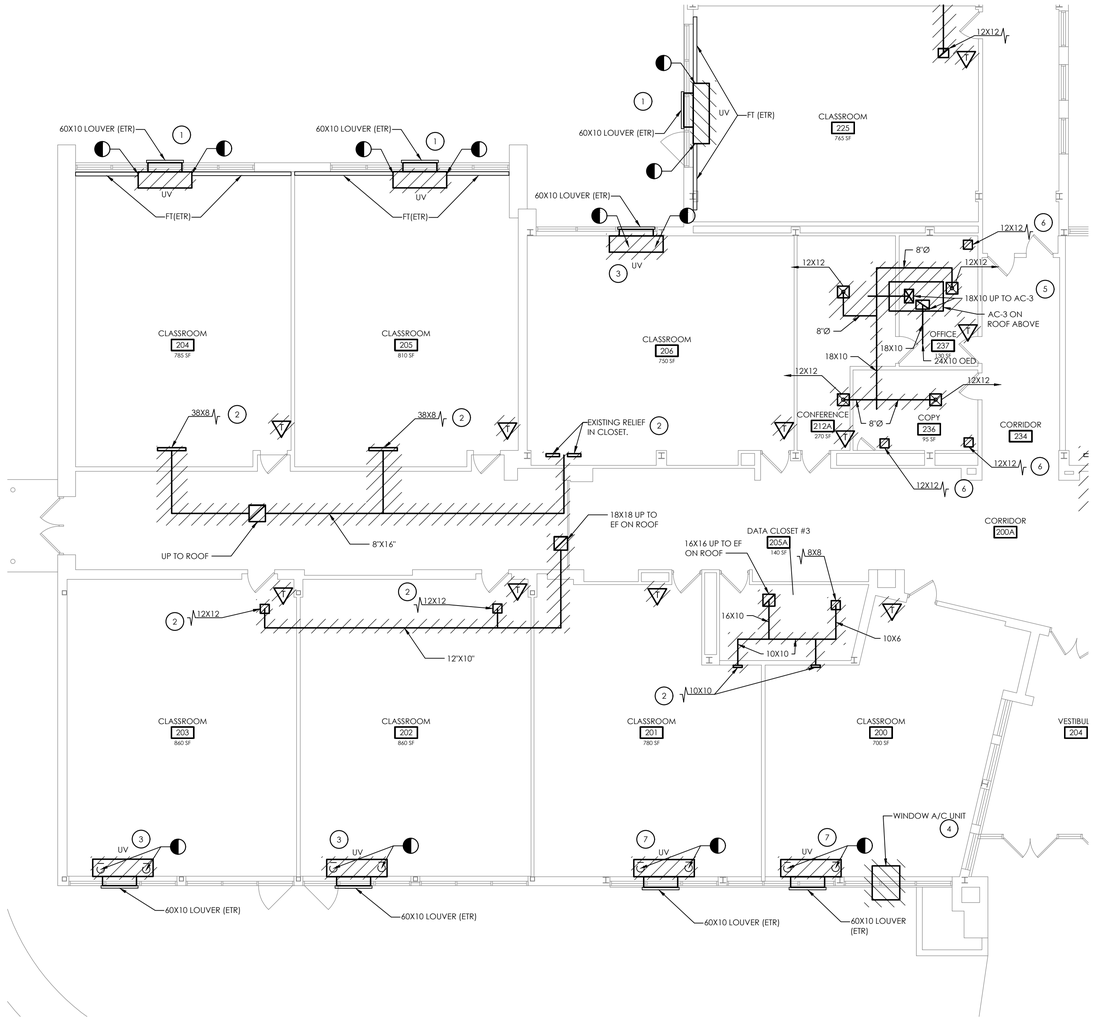
Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL HVAC DEMOLITION

Drawing Number
PMS
H101B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\HJ\H101.dwg
Date last accessed: 12/13/2022 2:31 PM
Date last plotted:12/16/2022 9:18 AM
Plotted By: Brendon Mazza



1 H101C **UPPER LEVEL HVAC DEMOLITION PLAN-AREA C**
SCALE: 1/8" = 1'-0"

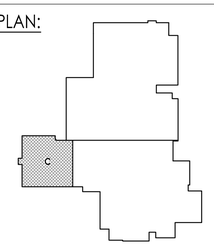
GENERAL NOTES:

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 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 THEIR 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.

KEY PLAN:



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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

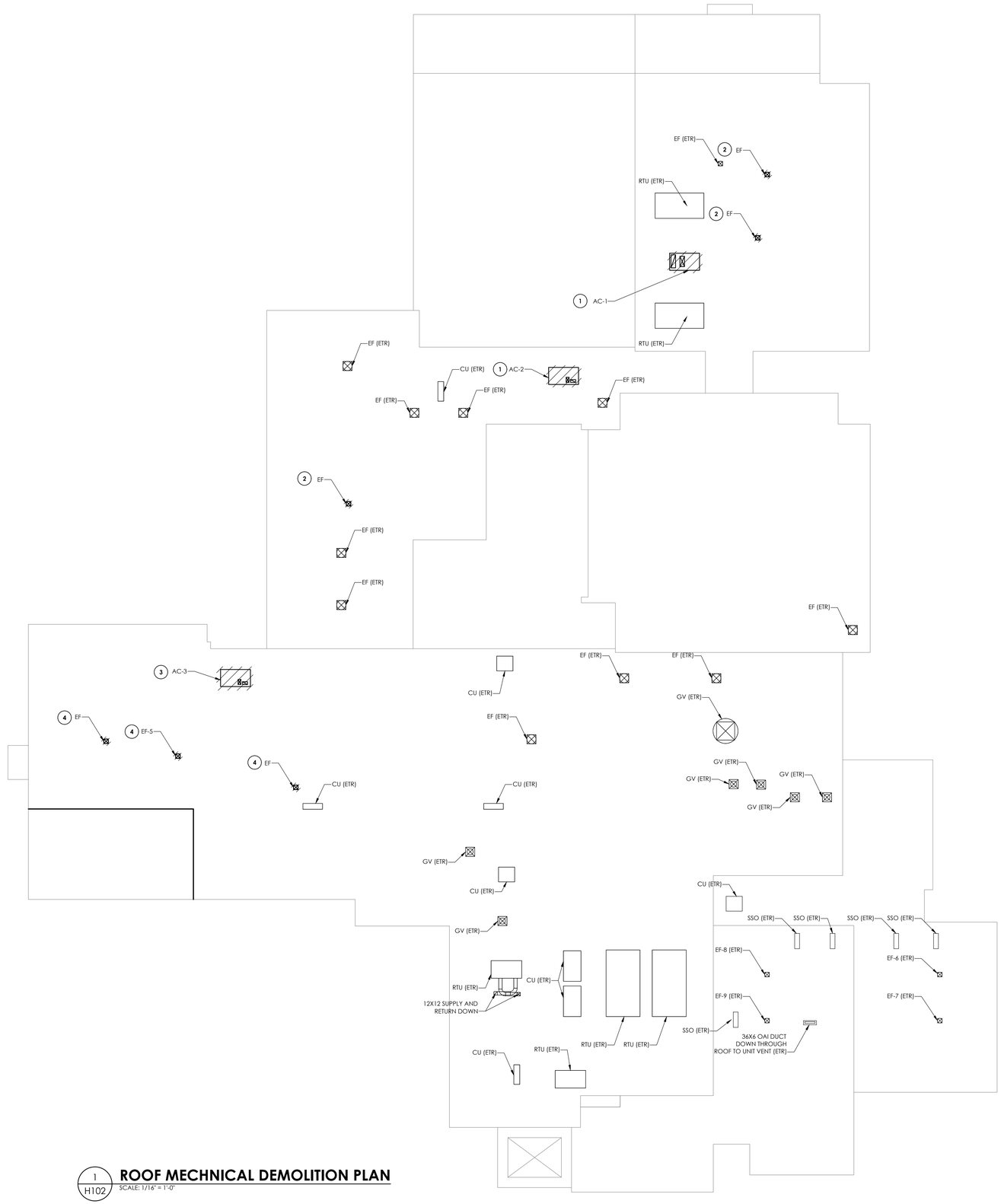
Issued	Scale
12/16/22	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL HVAC DEMOLITION PLAN - AREA C

Drawing Number
PMS H101C



1 / H102 **ROOF MECHNICAL DEMOLITION PLAN**

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

KEY NOTES:

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 ROOFTOP UNIT IN ITS ENTIRETY INCLUDING CONTROLS, PIPING AND ALL DUCTWORK. COORDINATE CURB REMOVAL WITH G.C.
4. REMOVE EXISTING EXHAUST FAN IN ITS ENTIRETY INCLUDING CONTROLS, AND DUCTWORK. COORDINATE CURB REMOVAL WITH G.C.

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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
MECHANICAL ROOF DEMOLITION PLAN BASE BID

Drawing Number
PMS H102

Sheet size: 24x36
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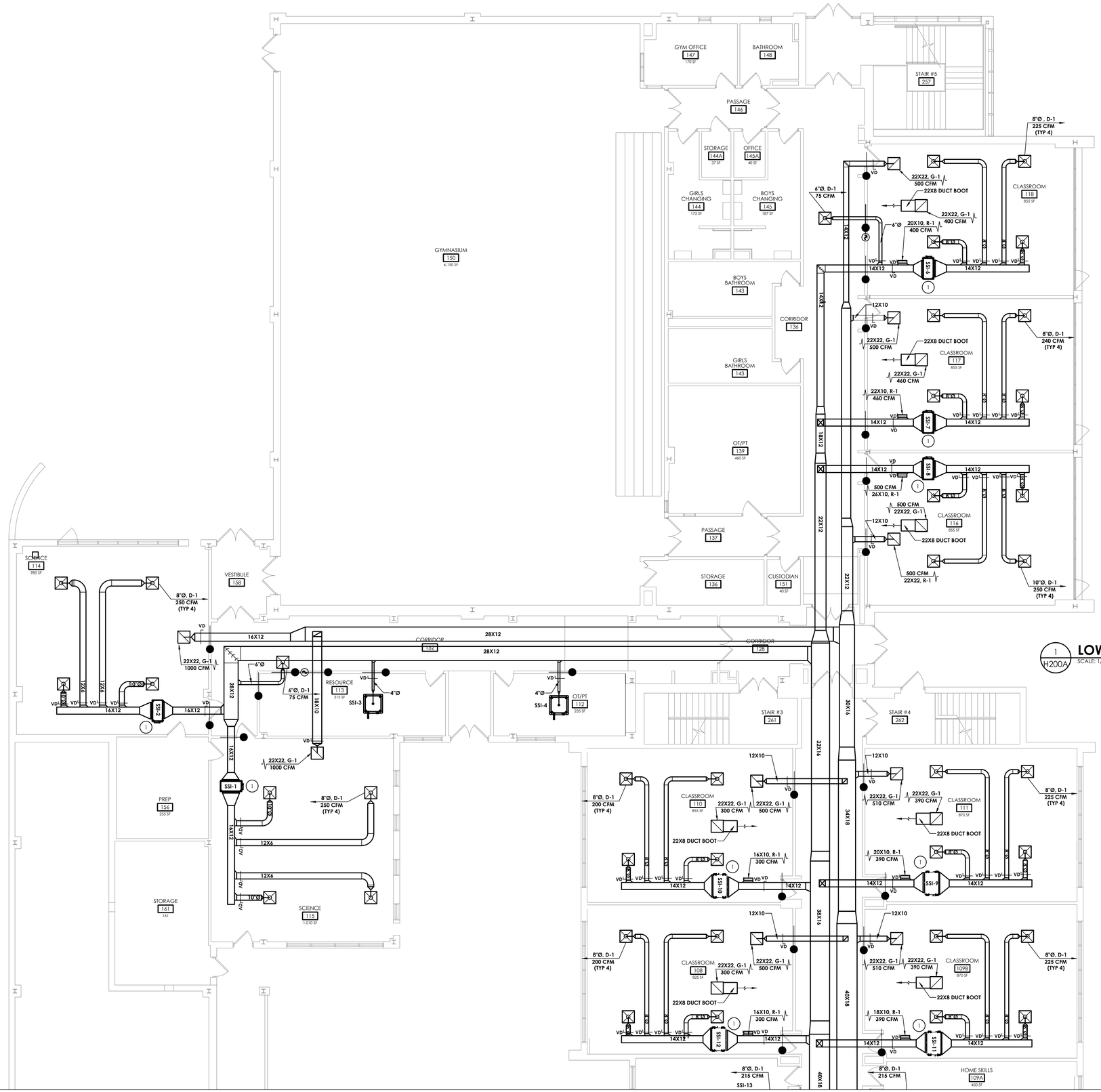
Date last plotted:12/16/2022 9:20 AM
Plotted By: Brendon Mazza



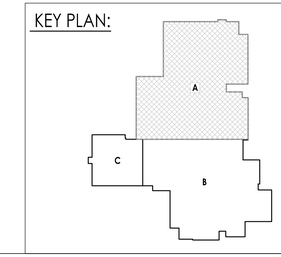
KEY NOTES:

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

1 H200A LOWER LEVEL MECHNICAL NEW WORK PLAN - AREA A

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

KEY PLAN:



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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
66-08-09-03-0-003-025

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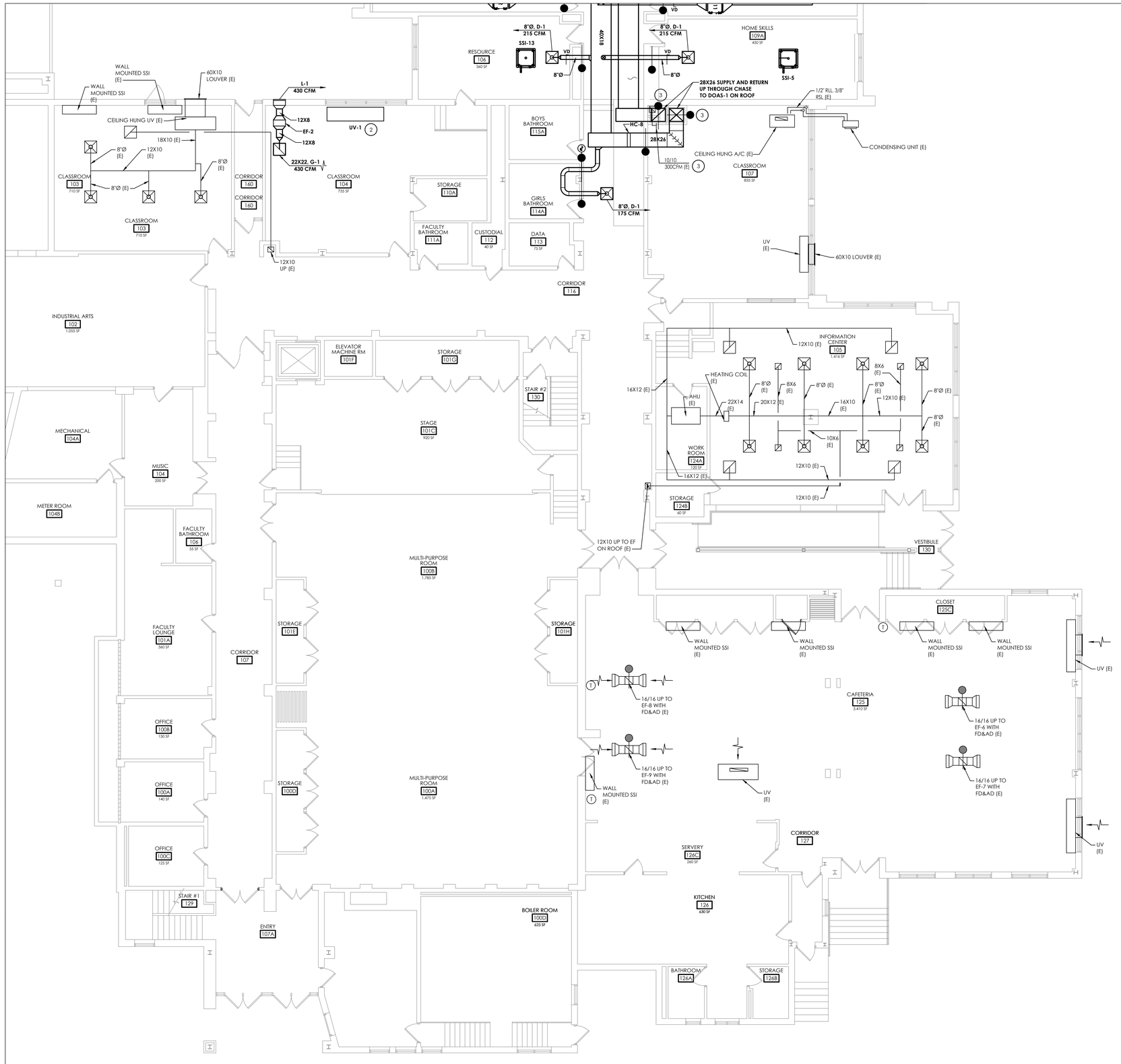
PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
LOWER LEVEL NEW DUCTWORK PLAN- AREA A

Drawing Number
PMS H200A



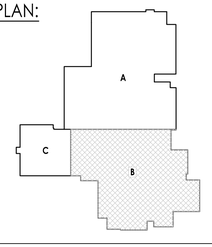
1 H200B **LOWER LEVEL DUCTWORK NEW WORK PLAN - AREA B**

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

KEY NOTES:

1. INSTALL NEW UNIT VENTILATOR ON EXISTING PEDESTAL. RECONNECT UNIT VENTILATOR TO EXISTING LOUVER.
2. PROVIDE FIRE DAMPER AT FLOOR PENETRATION. COORDINATE ACCESS DOOR LOCATION IN CHASE CONSTRUCTION WITH G.C.
3. RUN NEW SUPPLY AND RETURN DUCTWORK IN NEW CHASE WITH EXISTING 10X10 EXHAUST DUCTWORK. MODIFY EXHAUST DUCTWORK AND GRILLE TO MAINTAIN OPERATION.

KEY PLAN:



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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
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PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
LOWER LEVEL NEW DUCTWORK PLAN-AREA B

Drawing Number
PMS
H200B

Plotted By: Brendan Mazza
Date last plotted:12/16/2022 10:42 AM
Date last accessed: 12/13/2022 2:31 PM
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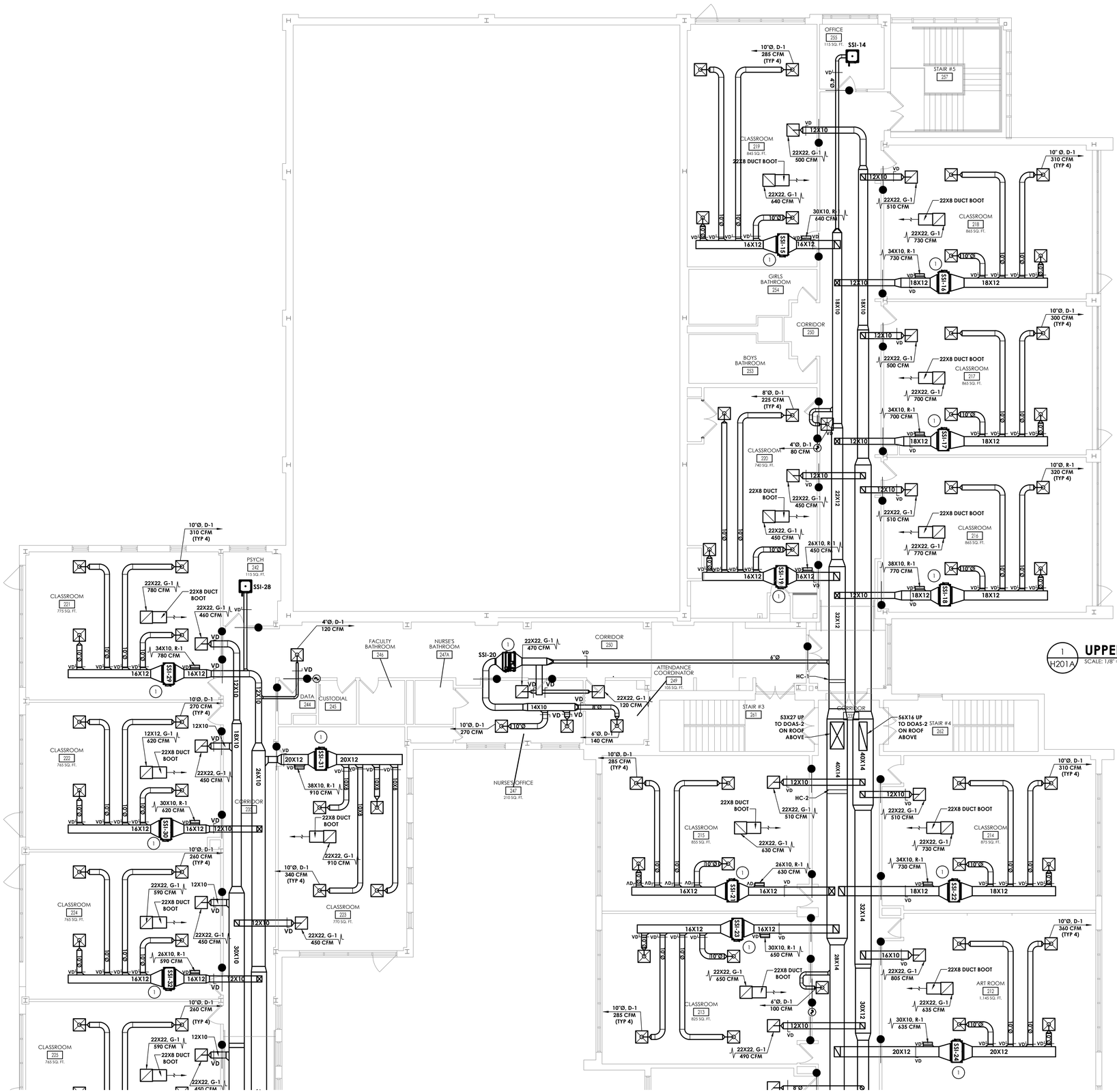


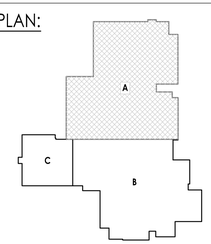
1 H201A **UPPER LEVEL DUCTWORK NEW WORK PLAN - AREA A**

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

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.

KEY PLAN:



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PROJECT INFORMATION

Project Number
15131.07

Client Name
PLEASANTVILLE UFSD

Project Name
PMS HVAC REPLACEMENT

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Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL NEW DUCTWORK PLAN - AREA A

Drawing Number
PMS
H201A

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\PMSH201.dwg
Date last accessed: 12/13/2022 2:31 PM
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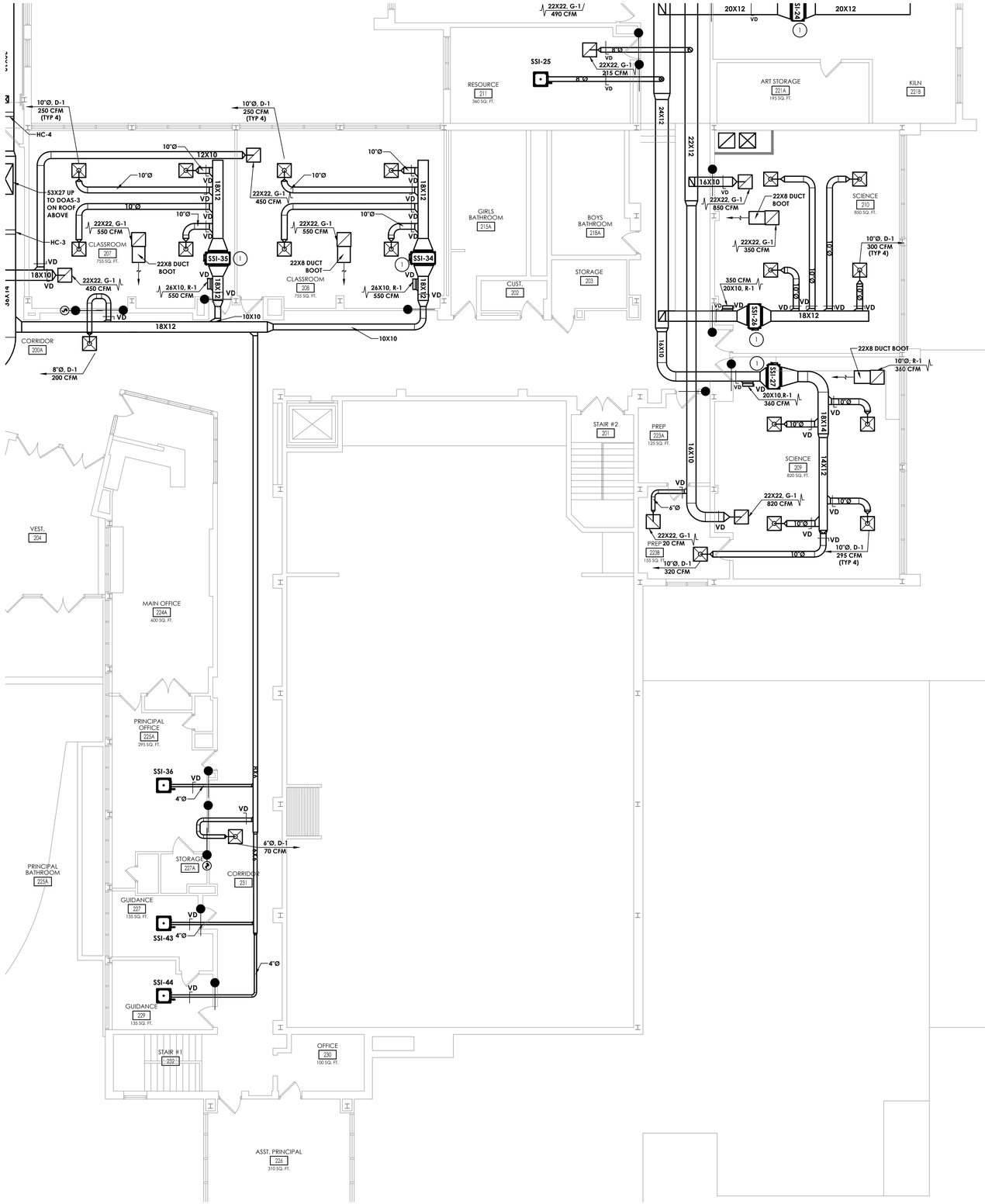
Plotted By: Brendon Mazza



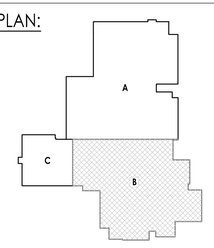
KEY NOTES:

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

1 H201B UPPER LEVEL DUCTWORK NEW WORK PLAN-AREA B

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

KEY PLAN:



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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

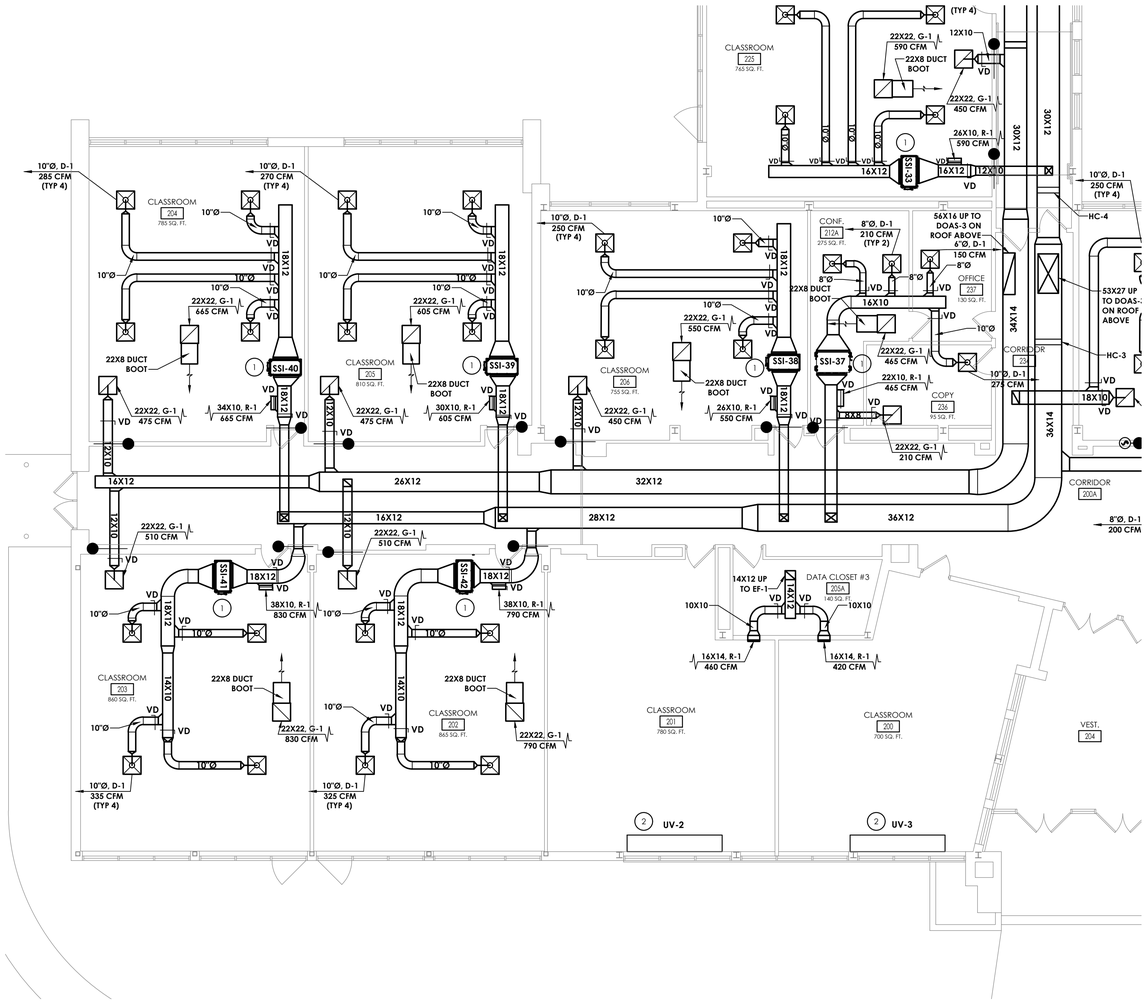
Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL NEW DUCTWORK PLAN-AREA B

Drawing Number
PMS H201B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\HP\H201.dwg
Date last accessed: 12/13/2022 2:31 PM
Date last plotted:12/16/2022 10:44 AM
Plotted By: Brendon Mazza



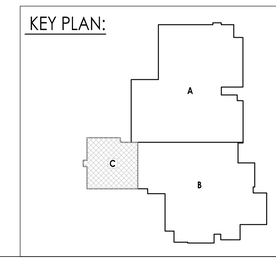
KEY NOTES:

1. PROVIDE NEW VRF INDOOR FAN COIL UNITS AND MOUNT TO EXISTING STRUCTURE WITH VIBRATION ISOLATORS. MAINTAIN MANUFACTURER'S SERVICE CLEARANCES ON ALL SIDES.
2. INSTALL NEW UNIT VENTILATOR IN LOCATION OF REMOVED UNIT VENTILATOR. RECONNECT TO EXISTING LOUVER.

1 H201C UPPER LEVEL MECHANICAL DUCTWORK NEW WORK PLAN-AREA C

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

KEY PLAN:



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PROJECT INFORMATION

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District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
■ 56-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL NEW DUCTWORK PLAN-AREA C

Drawing Number
PMS H201C

Sheet size: 24x36
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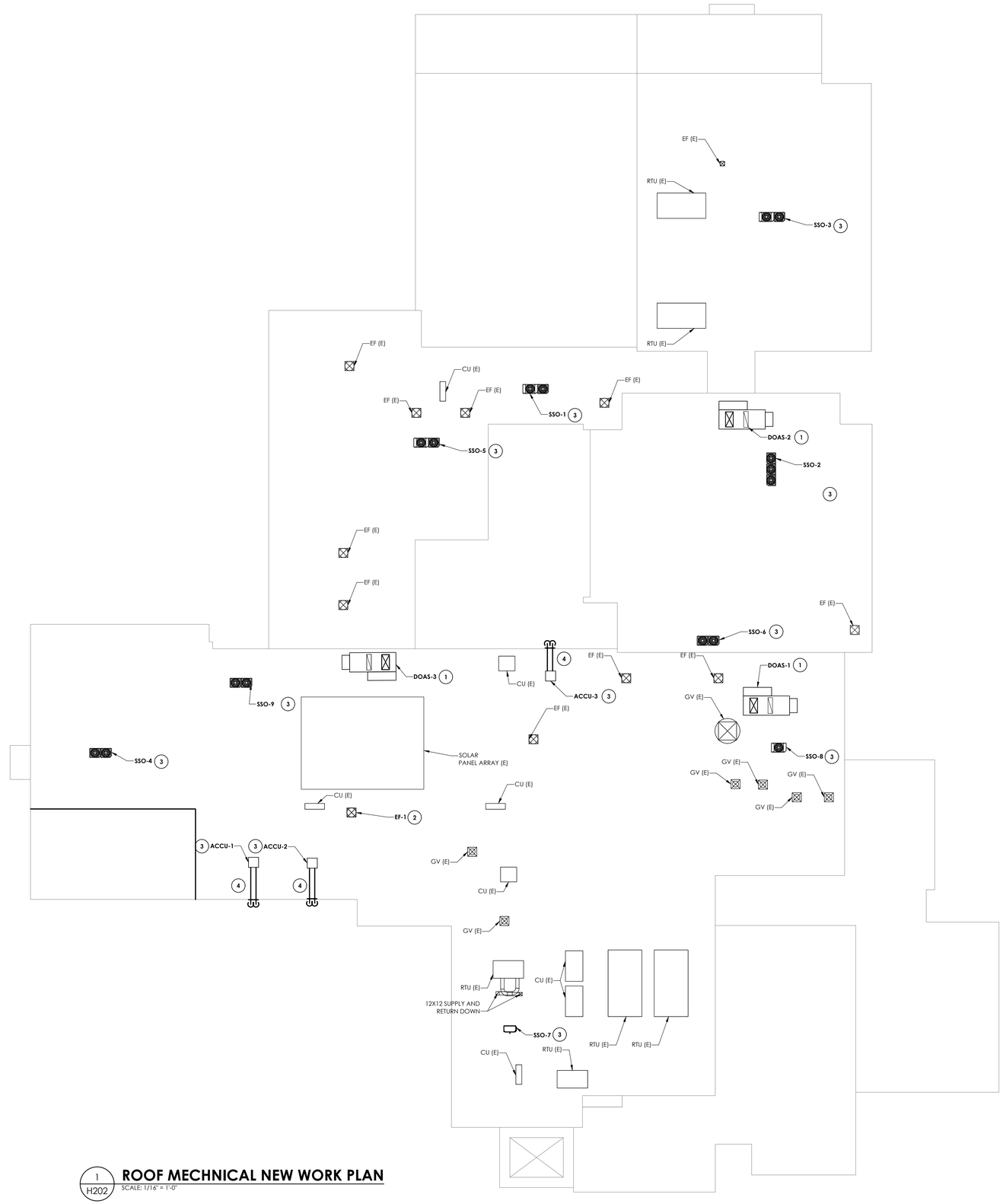
Date last plotted:12/16/2022 10:45 AM
Plotted By: Brendon Mazza



1 H202 **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/ACCU WITH SUPPORT RAILS AND MARK OUT LOCATION OF NEW RAILS. COORDINATE INSTALLATION OF RAILS WITH G.C.
4. RUN NEW REFRIGERANT PIPING FROM ACCU ALONG ROOF AND DOWN THE SIDE OF THE BUILDING IN PVC LINE SET COVER.

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PLEASANTVILLE UFSD
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

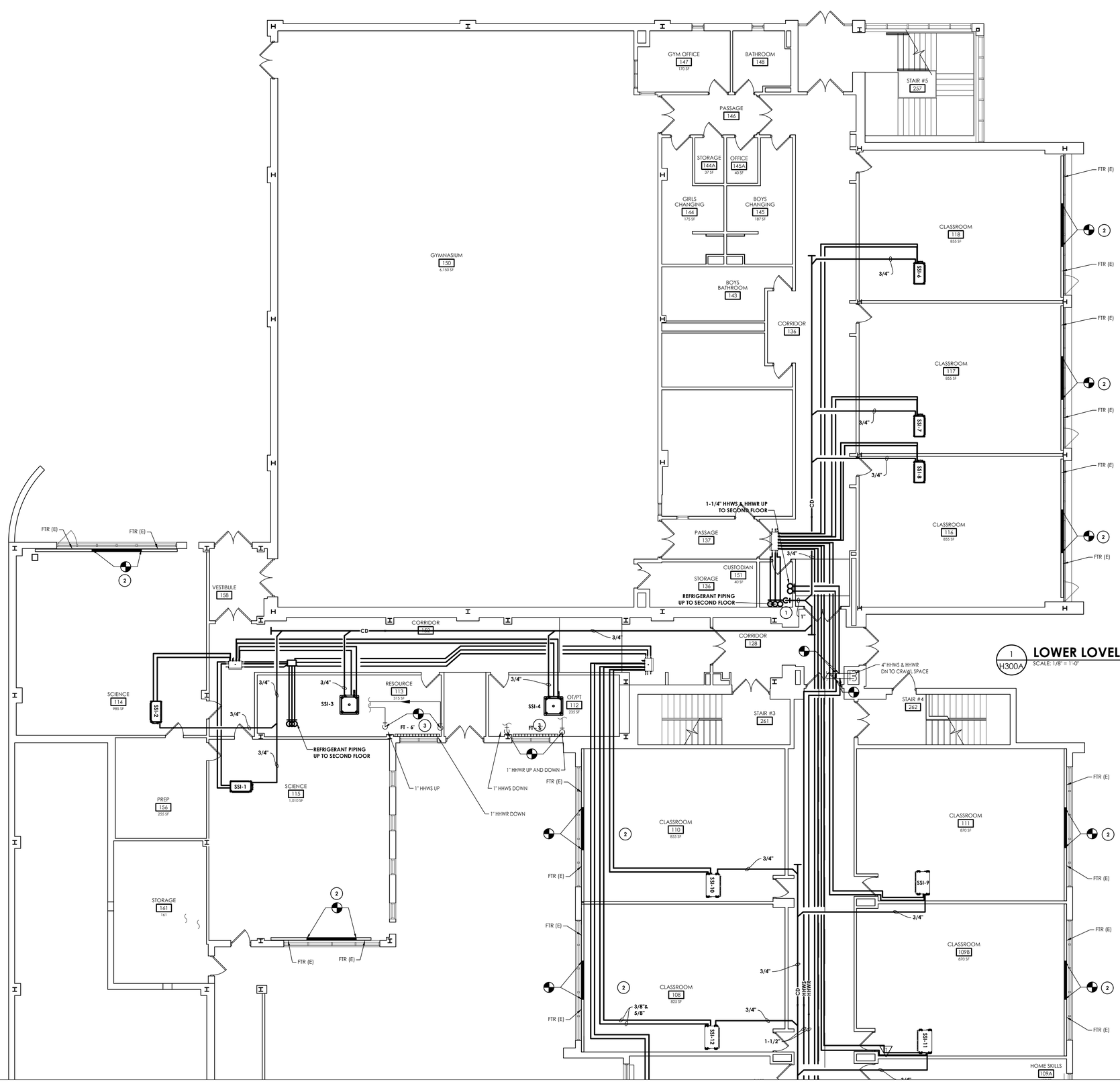
Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
ROOF MECHANICAL NEW WOI
PLAN BASE BID

Drawing Number
PMS
H202

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\HP\H202.dwg
Date last accessed: 12/13/2022 2:30 PM
Date last plotted:12/16/2022 10:47 AM
Plotted By: Brendan Mazza



1 H300A **LOWER LOVEL MECHANICAL PIPING NEW WORK PLAN-AREA A**
SCALE: 1/8" = 1'-0"

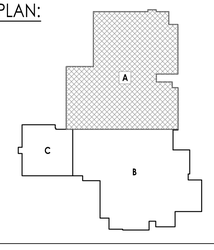
GENERAL NOTES:

1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

KEY NOTES:

1. ROUTE NEW CONDENSATE DRAIN LINE TO MOP SINK IN CUSTODIAL CLOSET.
2. EXTEND HHWS AND HHWR PIPING TO EXISTING FIN TUBE RADIATORS. PROVIDE NEW STERLING JVB-ARS ENCLOSURE WALL TO WALL.
3. INSTALL NEW FIN TUBE. CONNECT TO EXISTING HOT WATER PIPING AT FLOOR OF REMOVED UNIT.

KEY PLAN:



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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
66-08-09-03-0-003-035

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
XXX	BKM

Drawing Title
LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA A

Drawing Number
PMS
H300A

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\CD Design\06 CAD\ACAD\MECH\HPB\H300.dwg
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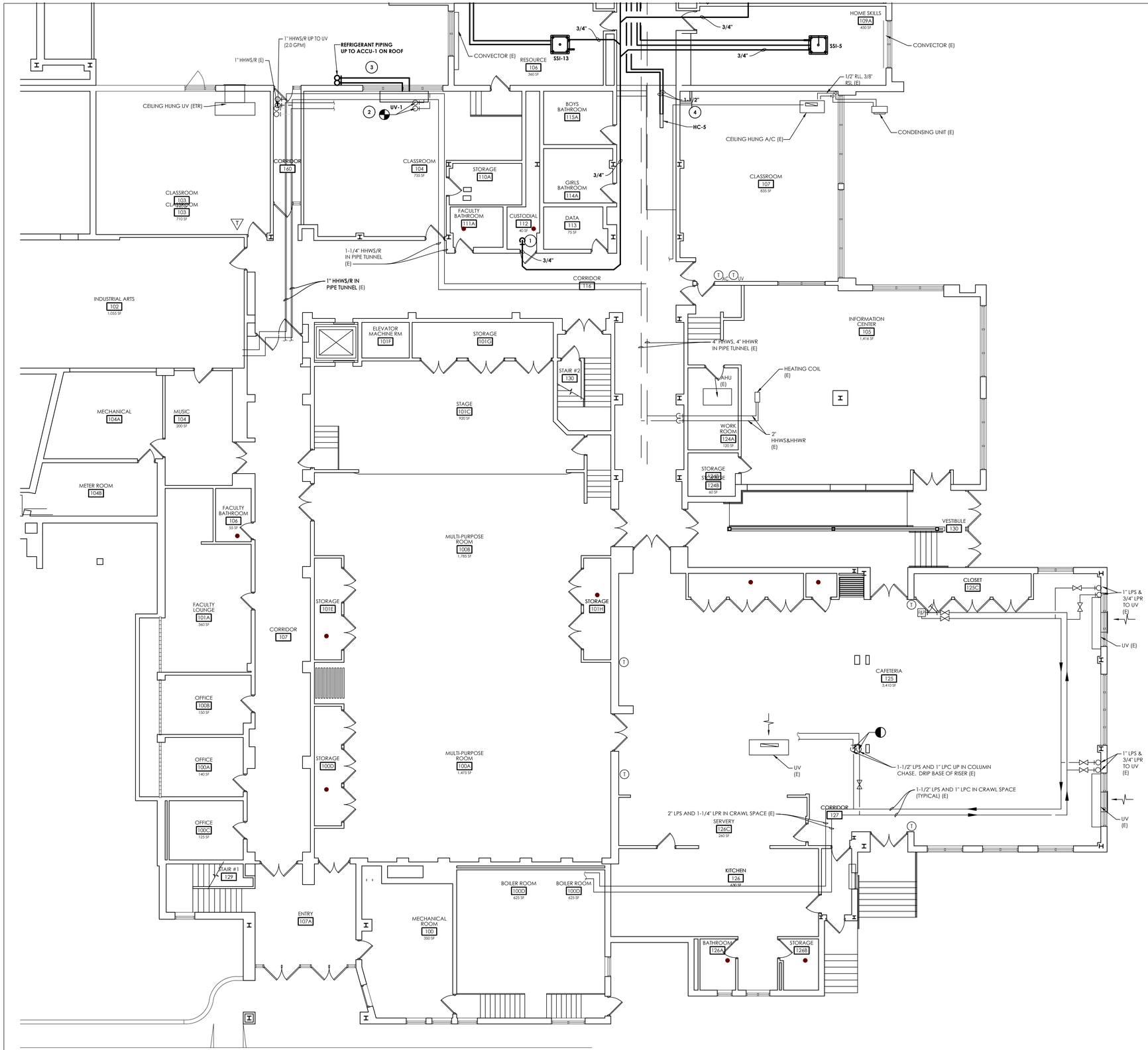
Date last plotted:12/16/2022 11:30 AM
Plotted By: Brendon Mazza



GENERAL NOTES:

1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

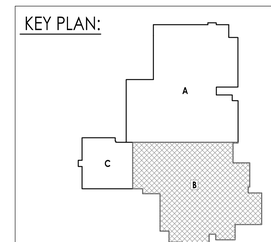
KEY NOTES:

1. ROUTE NEW CONDENSATE DRAIN LINE TO MOP SINK IN CUSTODIAL CLOSET.
2. RECONNECT NEW UNIT VENTILATOR TO EXISTING HHWS AND HHWR PIPING OF REMOVED UNIT VENTILATOR FROM BELOW.
3. RUN NEW REFRIGERANT PIPING IN PVC LINE SET COVERS TO BACK OF UNIT VENTILATOR. AVOID RUNNING PIPING IN FRONT OF WINDOWS.
4. RELOCATE ANY REFRIGERANT AND CONDENSATE PIPING IN THE WAY OF NEW DUCT MAINS TO BE INSTALLED IN NEW DUCT CHASE.

1 H300B LOWER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA B

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

KEY PLAN:



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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
66-08-09-03-0-003-022

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 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.

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

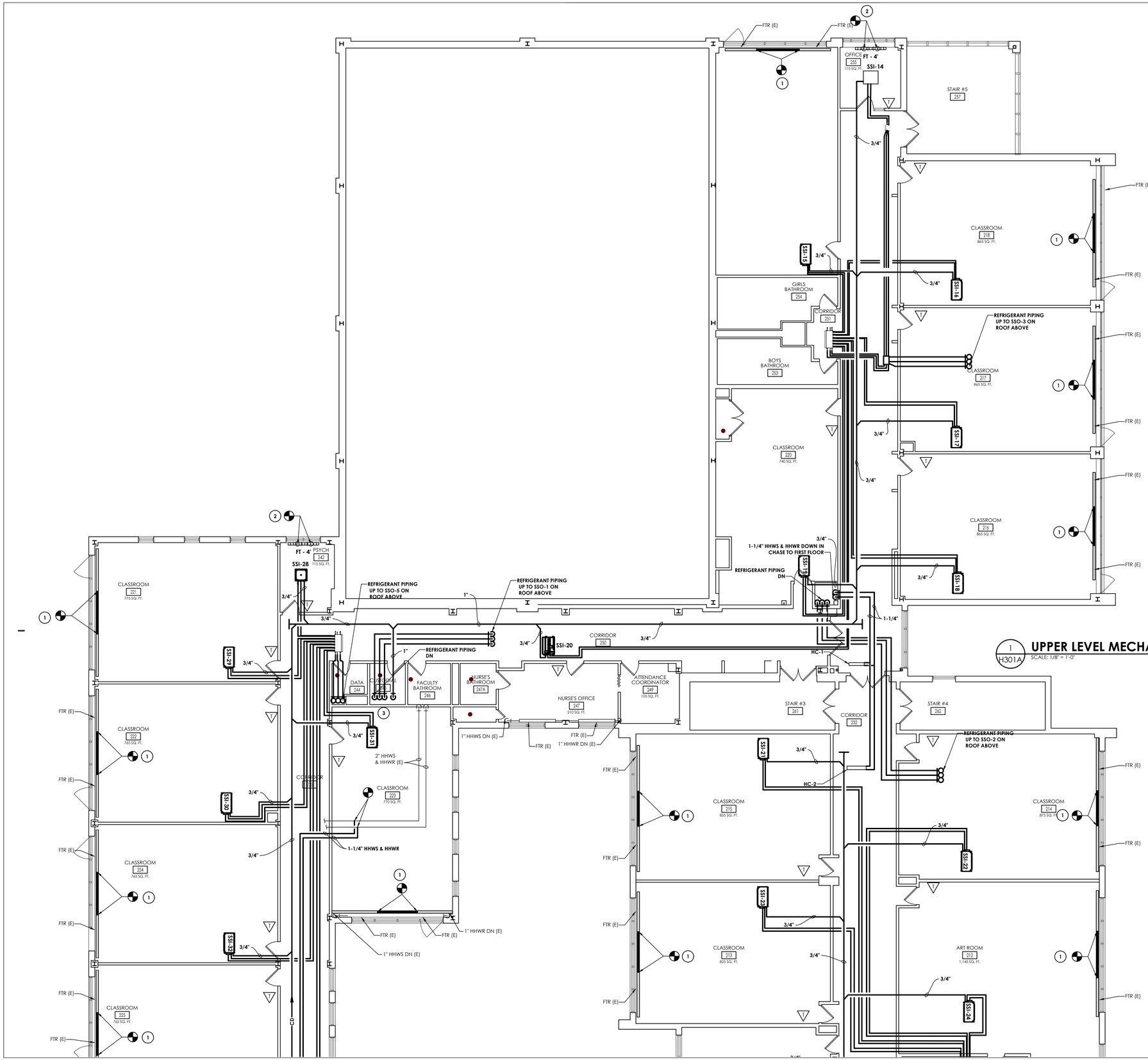
Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
LOWER LEVEL MECHANICAL PIPING NEW WOTK PLAN-AREA B

Drawing Number
PMS
H300B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\HB\H300.dwg
Date last accessed: 12/16/2022 11:15 AM
Date last plotted:12/16/2022 11:31 AM
Plotted By: Brendon Mazza



1 H301A **UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA A**

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

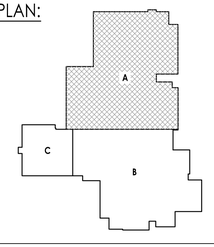
GENERAL NOTES:

1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

KEY NOTES:

1. EXTEND HHWS AND HHWR PIPING TO EXISTING FIN TUBE RADIATORS. PROVIDE NEW STERLING JVB-ARS ENCLOSURE WALL TO WALL.
2. INSTALL NEW FIN TUBE. CONNECT TO EXISTING HOT WATER PIPING AT FLOOR OF REMOVED UNIT.
3. ROUTE NEW CONDENSATE DRAIN LINE TO MOP SINK IN CUSTODIAL CLOSET.

KEY PLAN:



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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

- 66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA A

Drawing Number
PMS
H301A

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\HB\H301.dwg
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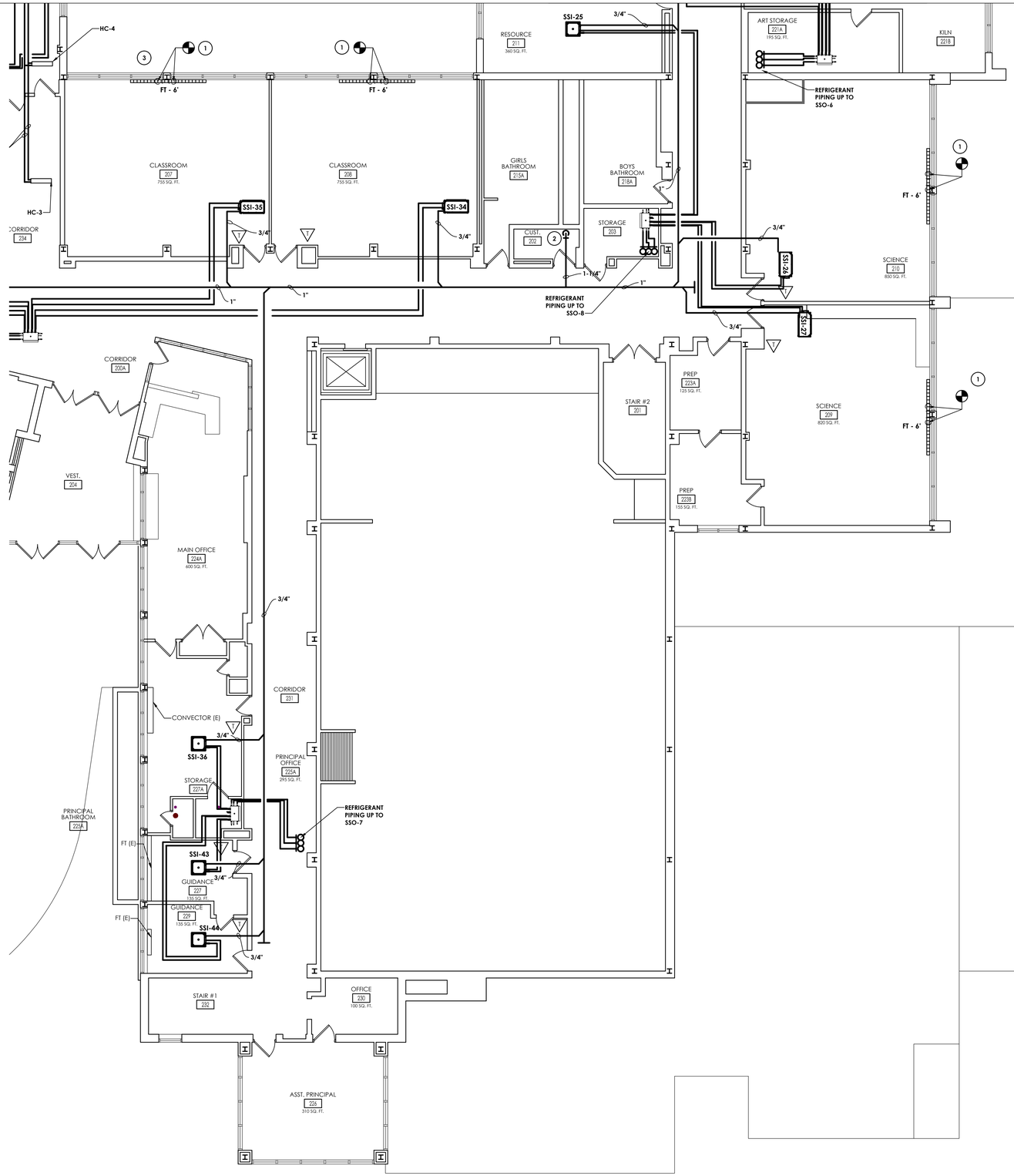
Plotted By: Brendon Mazza



GENERAL NOTES:

1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

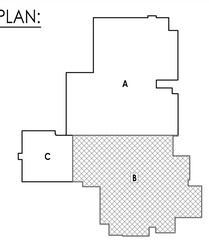
KEY NOTES:

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.
3. RUN REFRIGERANT PIPING DOWN IN NEW CHASE. COORDINATE WITH G.C.

1 H301B **UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA B**

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

KEY PLAN:



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Newburgh, NY 12550
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PROJECT INFORMATION

Project Number
15131.07

Client Name
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Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/31/2022	BID ADDENDUM 1

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
UPPER LEVEL MECHANICAL PIPING NEW WORK PLAN-AREA B

Drawing Number
PMS H301B

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\AC-AD\MECH\HB\H301.dwg
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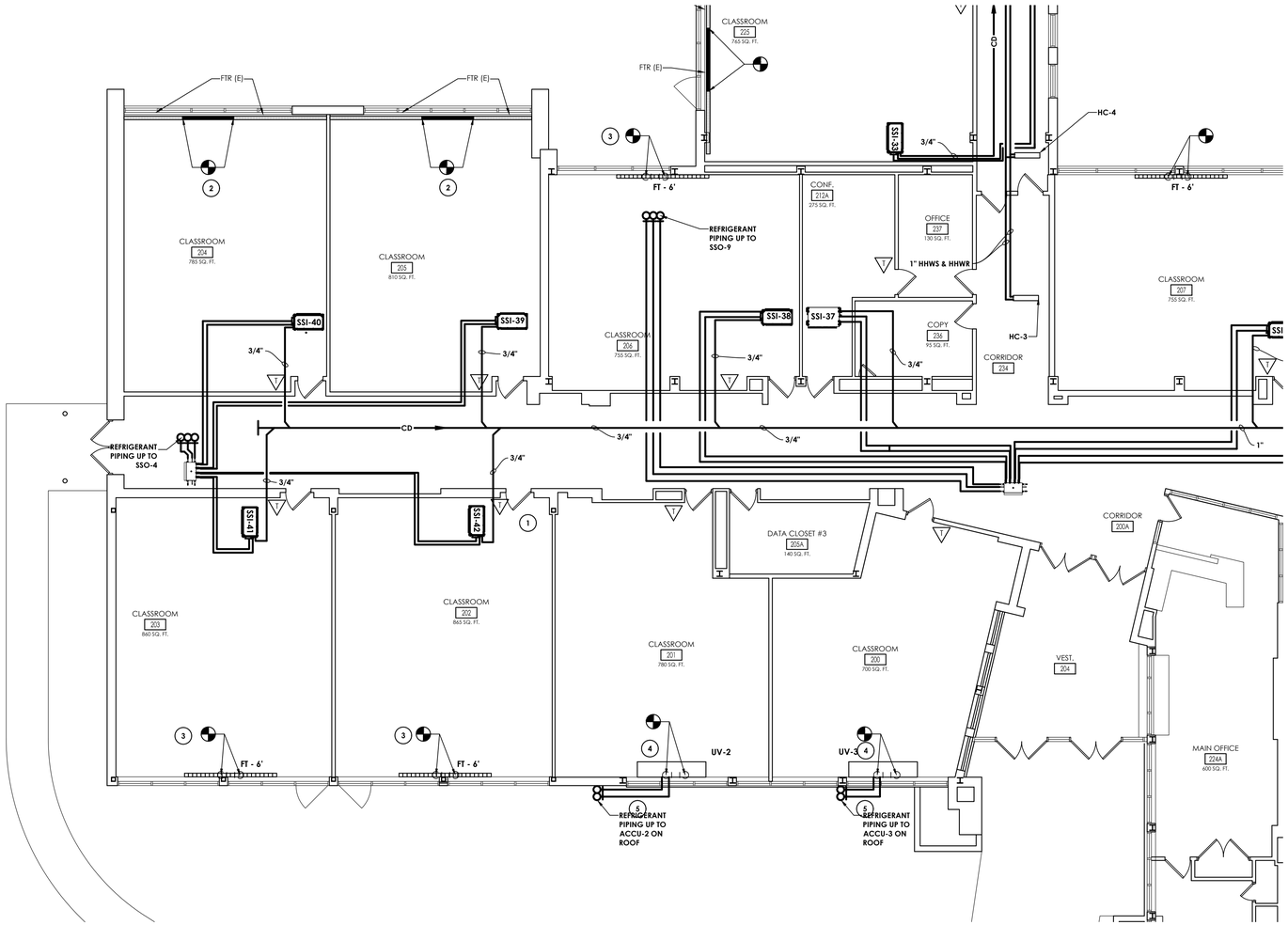
Date last plotted:12/16/2022 11:33 AM
Plotted By: Brendon Mazza



GENERAL NOTES:

1. SEE THE H800 DRAWINGS FOR REFRIGERANT PIPING SIZING.

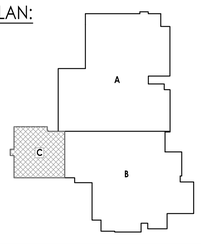
KEY NOTES:

1. SSO-5 UTP-RU04BH CHANGE OVER BOX. SEE H800 DRAWINGS FOR WIRING DETAILS.
2. EXTEND LPS AND LPC PIPING TO EXISTING FIN TUBE RADIATORS. PROVIDE NEW STERLING JVB-ARS ENCLOSURE WALL TO WALL.
3. INSTALL NEW FIN TUBE. CONNECT TO EXISTING HOT WATER PIPING AT FLOOR OF REMOVED UNIT.
4. INSTALL NEW UNIT VENTILATOR AND FIN TUBE RADIATORS. CONNECT TO EXISTING LPS AND LPC AT FLOOR.
5. RUN NEW REFRIGERANT PIPING IN PVC LINE SET COVERS TO BACK OF UNIT VENTILATOR. AVOID RUNNING PIPING IN FRONT OF WINDOWS.

1 H301C UPPER LEVEL MECHNICAL PIPING NEW WORK PLAN-AREA C

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

KEY PLAN:



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PROJECT INFORMATION

Project Number
15131.07

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PMS HVAC REPLACEMENT

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PLEASANTVILLE UFSD
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	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

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\CD Design\06 CAD\ACAD\MECH\H[B]\H301.dwg
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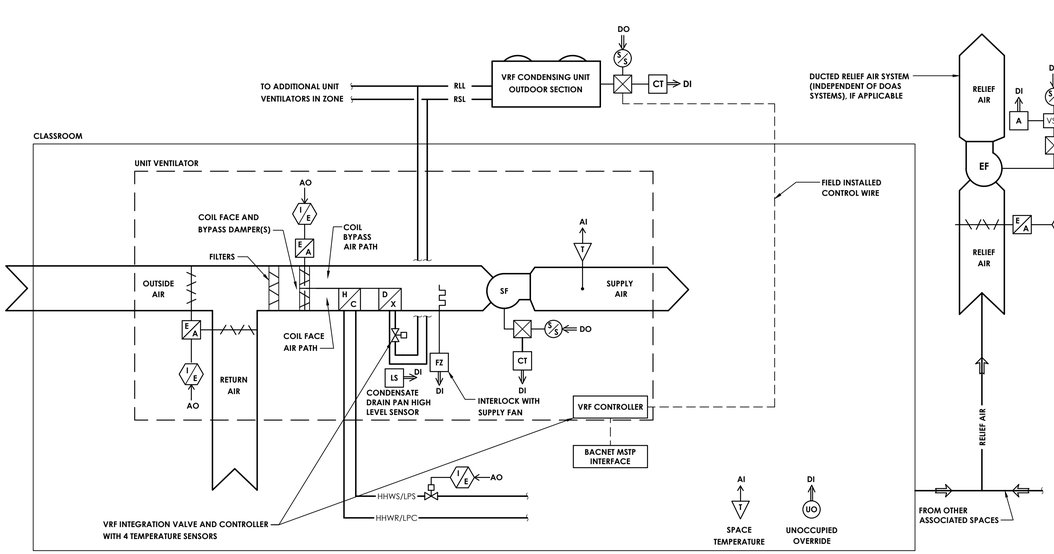
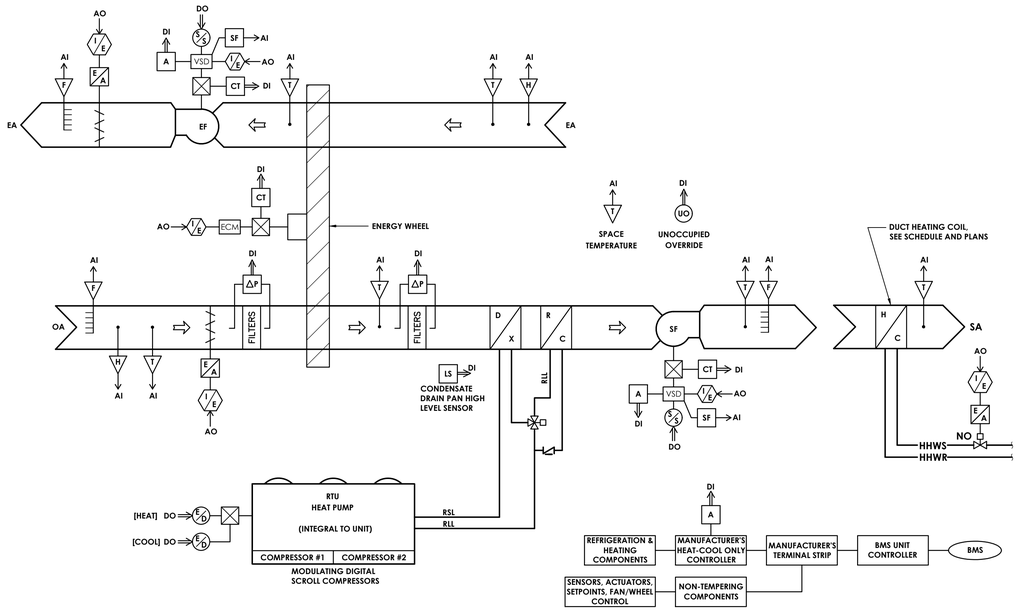
Date last plotted: 12/16/2022 11:34 AM
Plotted By: Brendon Mazza



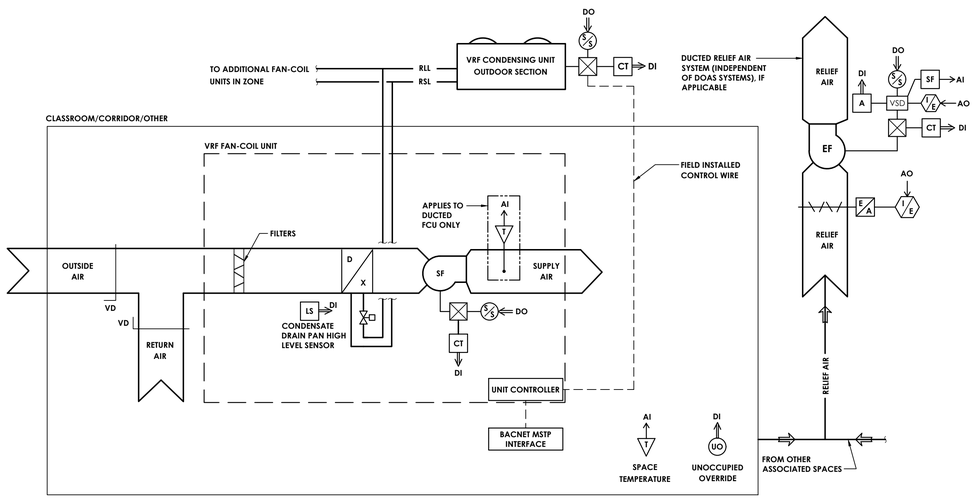
2 H500 UNIT VENTILATOR WITH STEAM/HYDRONIC HEAT CONTROLS SCHEMATIC

NOT TO SCALE



1 H500 DOAS-1,2,3 CONTROLS SCHEMATIC

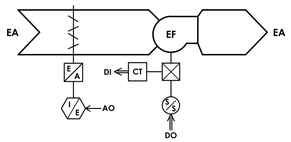
SCALE: NOT TO SCALE



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

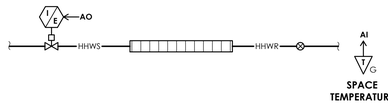
3 H500 DUCTED VRF FAN-COIL UNIT (AND CEILING CASSETTE) CONTROLS SCHEMATIC

NOT TO SCALE



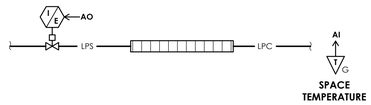
4 H500 TYPICAL EXHAUST FAN - CONSTANT SPEED

NOT TO SCALE



5 H500 FINTUBE CONTROLS SCHEMATIC - HOT WATER

NOT TO SCALE



6 H500 FIN TUBE CONTROLS SCHEMATIC - STEAM

SCALE: NOT TO SCALE

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PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD

- 66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

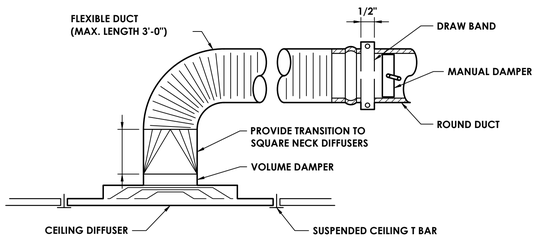
Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	DRH

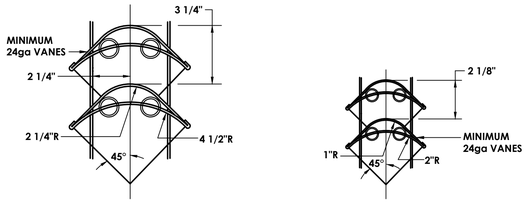
Drawing Title
MECHANICAL CONTROLS DIAGRAMS

Drawing Number
PMS
H500

Plotted By: Brendon Mozza
Date last plotted: 12/16/2022 11:43 AM
Date last accessed: 12/13/2022 2:31 PM
Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\3D Design\06 CAD\ACAD\MECH\H[H500.dwg



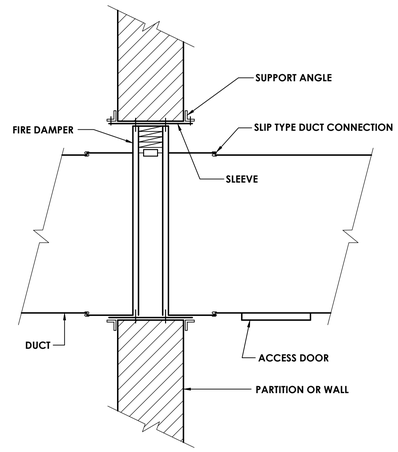
1 H800 **DIFFUSER DETAIL**
NOT TO SCALE



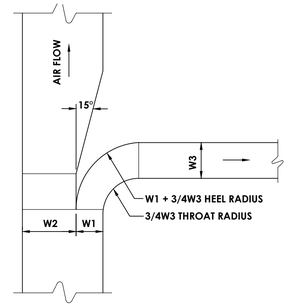
VANES FOR SQUARE THROAT ELBOWS OVER 20" WIDE

VANES FOR SQUARE THROAT ELBOWS THRU 20" WIDE

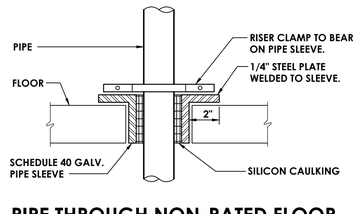
2 H800 **TYPICAL TURNING VANE DETAIL**
NOT TO SCALE



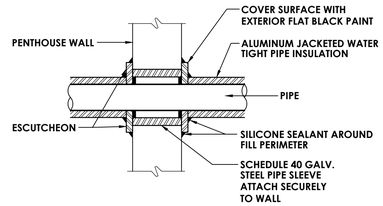
3 H800 **VERTICAL FIRE DAMPER DETAIL**
NOT TO SCALE



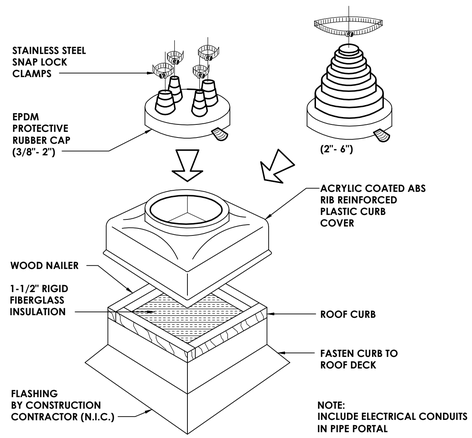
4 H800 **MAIN BRANCH TAKE-OFF DETAIL**
NOT TO SCALE



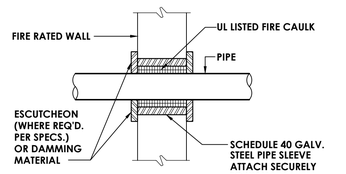
5 H800 **PIPE THROUGH NON-RATED FLOOR**
NOT TO SCALE



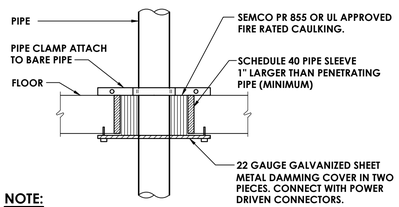
6 H800 **PIPE THROUGH NON-RATED WALL**
NOT TO SCALE



9 H800 **PIPE PORTAL DETAIL**
NOT TO SCALE

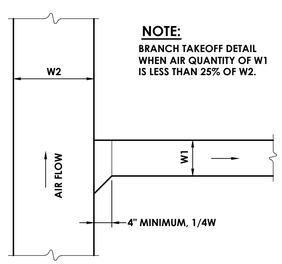


7 H800 **PIPE THROUGH RATED WALL**
NOT TO SCALE



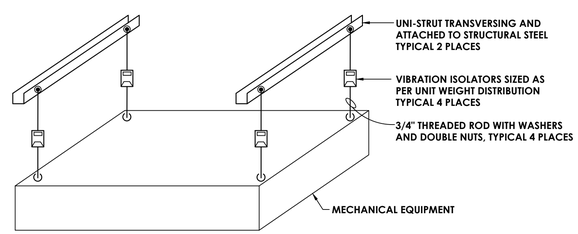
NOTE:
ALL MATERIALS MUST HAVE A
MINIMUM MELTING POINT OF 1700° F

8 H800 **PIPE THROUGH RATED FLOOR**
NOT TO SCALE



NOTE:
BRANCH TAKEOFF DETAIL
WHEN AIR QUANTITY OF W1
IS LESS THAN 25% OF W2.

10 H800 **BRANCH TAKE-OFF DETAIL**
NOT TO SCALE



11 H800 **INDOOR UNIT SUPPORT INSTALLATION DETAIL**
NOT TO SCALE

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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
■ 56-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN
Project Status	
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
MECHANICAL DETAILS

Drawing Number
PMS
H800

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\CD Design\06 CAD\ACAD\MECH\HBH800.dwg
Date last accessed: 12/13/2022 2:31 PM
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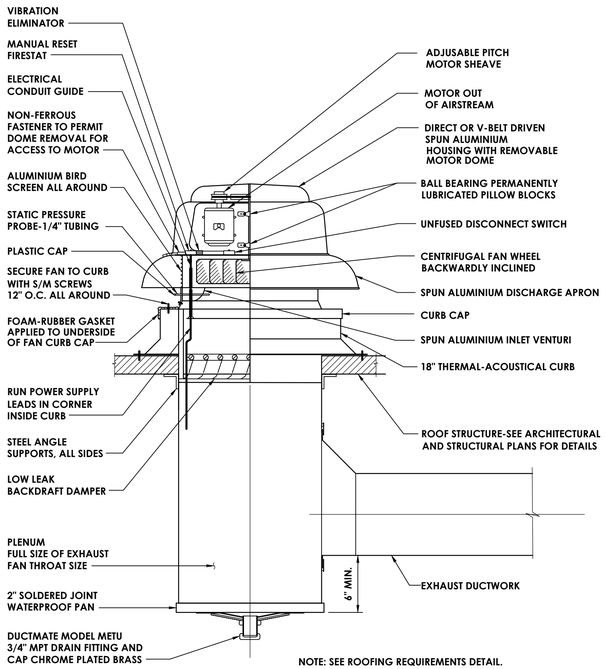
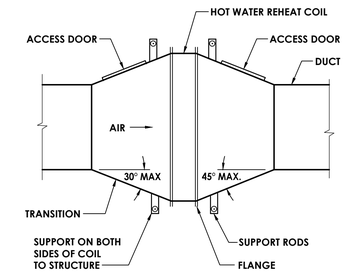
Plotted By: Brendon Mazza



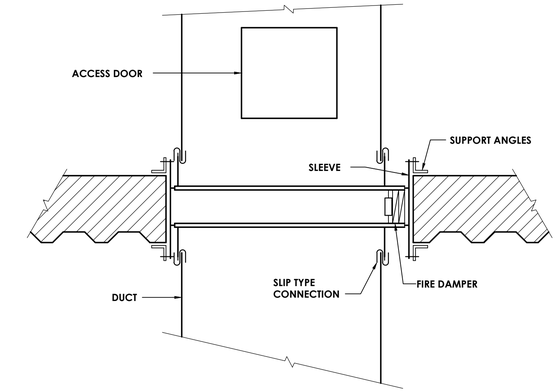
NOTE: SEE ROOFING REQUIREMENTS DETAIL.

1 H801 **EXHAUST FAN DETAIL**
NOT TO SCALE

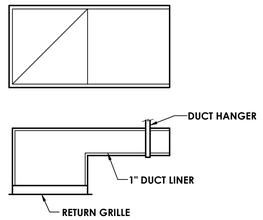


NOTE:
SUPPORT DUCTWORK INDEPENDENTLY OF THE COIL.

2 H801 **REHEAT COIL DETAIL**
NOT TO SCALE

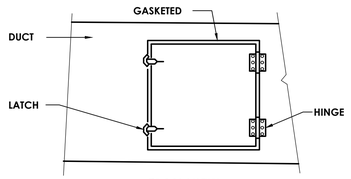


3 H801 **HORIZONTAL FIRE DAMPER DETAIL**
NOT TO SCALE



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

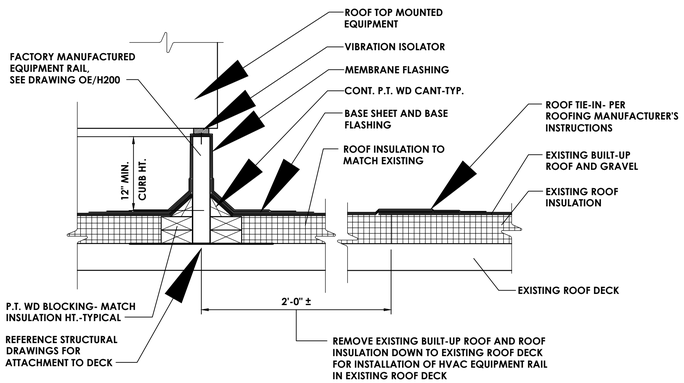
5 H801 **DUCT BOOT DETAIL**
NOT TO SCALE



PLAN VIEW

SECTION VIEW

6 H801 **ACCESS DOOR DETAIL**
NOT TO SCALE



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

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PLEASANTVILLE UFSD
56-08-09-03-0-003-025

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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.

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Drawn By	Checked By
BKM	BKM

Drawing Title
MECHANICAL DETAILS

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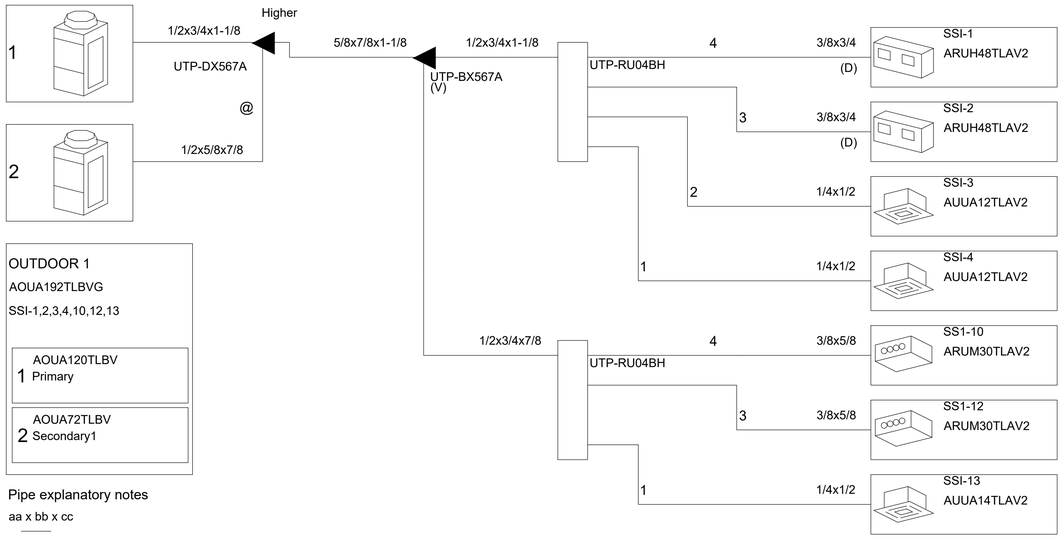
PMS
H801



Pipe explanatory notes

aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

Piping needs reducer to connect I.U. with different pipe size.

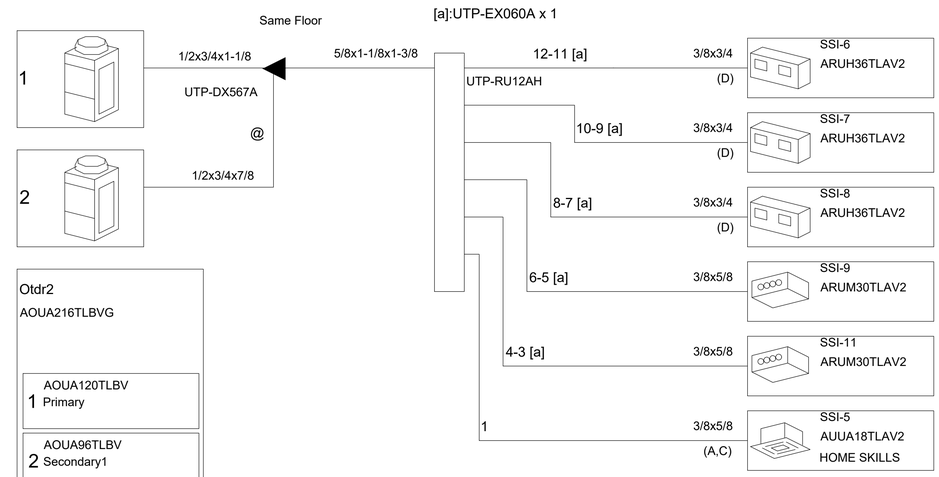
Local purchased reducer
V:7/8<-1-1/8

Local purchased expander
D:3/4<-5/8

@ 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.

1 H802 SSO-1 PIPING DIAGRAM

NOT TO SCALE



Pipe explanatory notes

aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

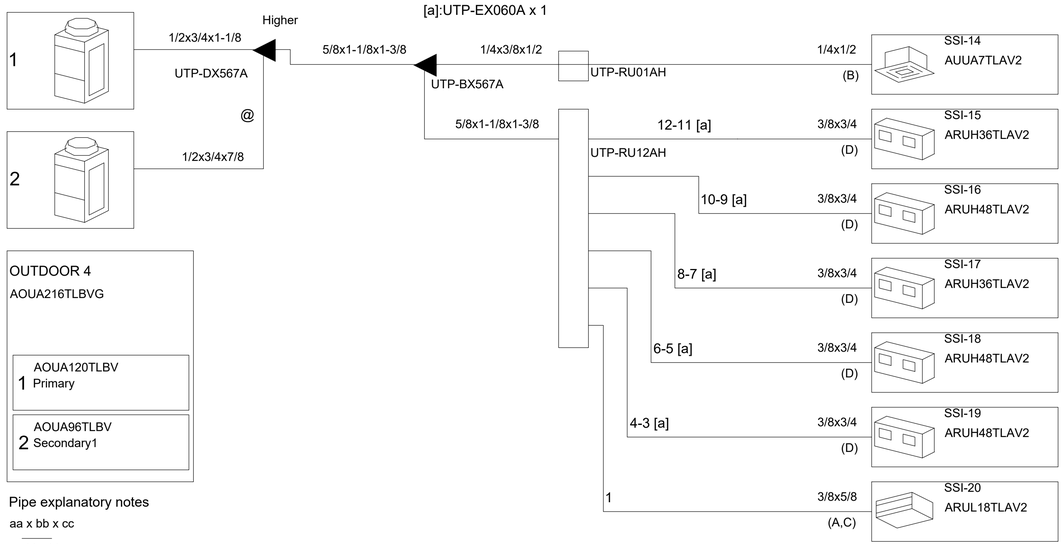
aa x bb

aa:Liquid
bb:Gas

Piping needs reducer to connect I.U. with different pipe size.

Local purchased expander
A:3/8<-1/4, C:5/8<-1/2, D:3/4<-5/8

@ 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.



Pipe explanatory notes

aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

Piping needs reducer to connect I.U. with different pipe size.

Local purchased expander
A:3/8<-1/4, B:1/2<-3/8, C:5/8<-1/2, D:3/4<-5/8

@ 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.

3 H802 SSO-3 PIPING DIAGRAM

NOT TO SCALE

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15131.07

Client Name
PLEASANTVILLE UFSD

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PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE, PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
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BKM	BKM

Drawing Title
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Drawing Number
PMS
H802

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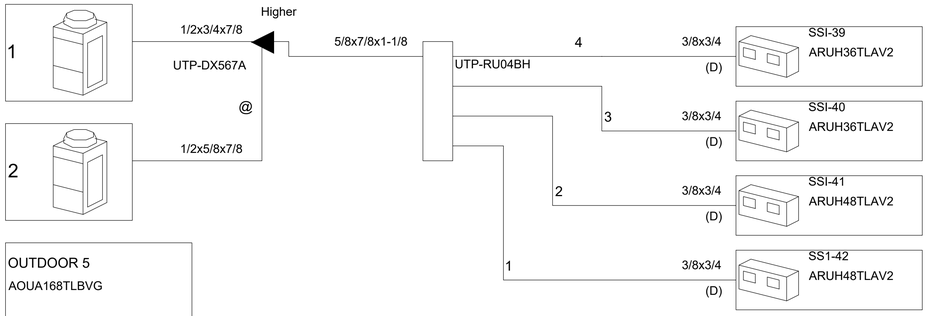
Plotted By: Brendon Mazza



Piping needs reducer to connect I.U. with different pipe size.

Local purchased expander
D:3/4<-5/8

@ 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.

Pipe explanatory notes

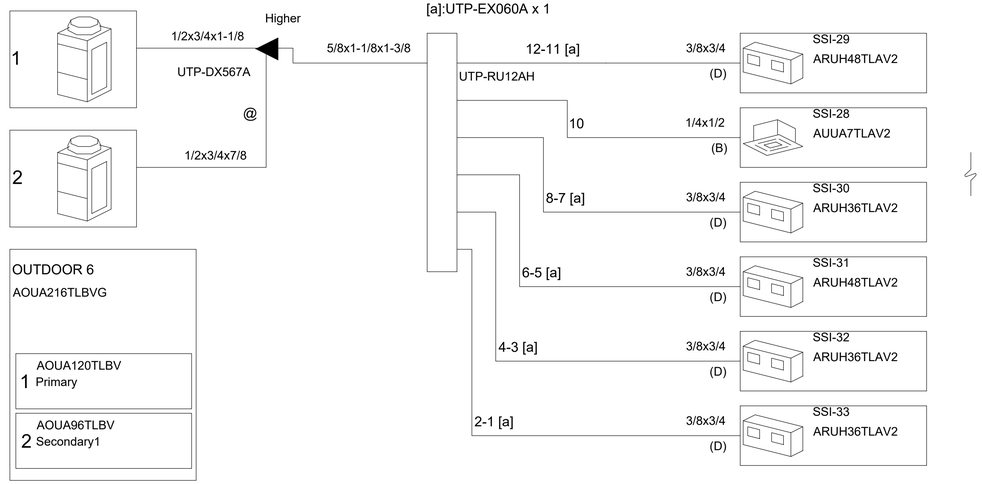
aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

1 H803 **SSO-4 PIPING DIAGRAM**
NOT TO SCALE



Piping needs reducer to connect I.U. with different pipe size.

Local purchased expander
B:1/2<-3/8, D:3/4<-5/8

@ 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.

Pipe explanatory notes

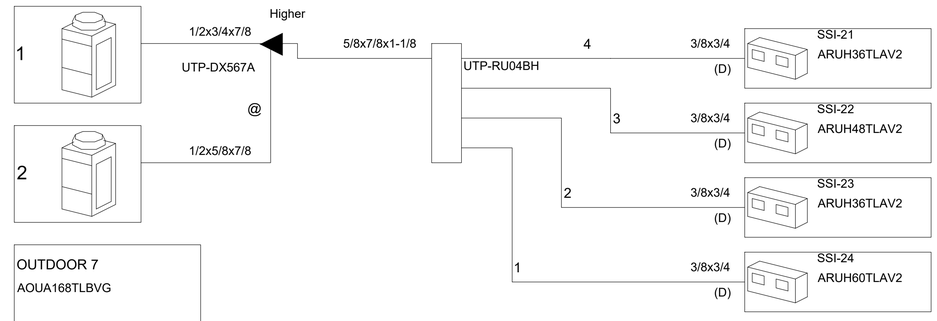
aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

2 H803 **SSO-5 PIPING DIAGRAM**
NOT TO SCALE



Piping needs reducer to connect I.U. with different pipe size.

Local purchased expander
D:3/4<-5/8

@ 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.

Pipe explanatory notes

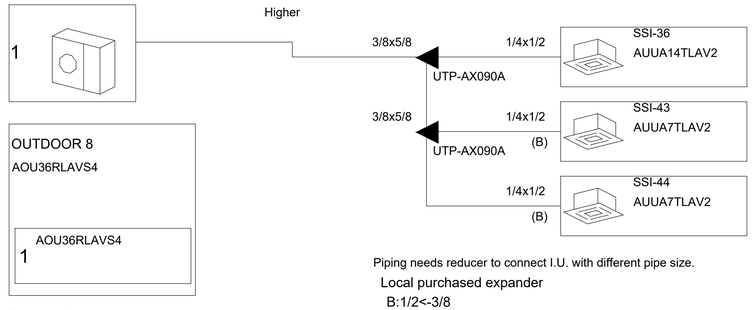
aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

3 H803 **SSO-6 PIPING DIAGRAM**
NOT TO SCALE



Piping needs reducer to connect I.U. with different pipe size.

Local purchased expander
B:1/2<-3/8

Pipe explanatory notes

aa x bb

aa:Liquid
bb:Gas

aa

aa:Liquid

3 H803 **SSO-7 PIPING DIAGRAM**
NOT TO SCALE

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Newburgh, NY 12550
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PROJECT INFORMATION

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15131.07

Client Name
PLEASANTVILLE UFSD

Project Name
PMS HVAC REPLACEMENT

District Office Address
40 ROMER AVE. PLEASANTVILLE, NY 10570

PLEASANTVILLE UFSD
66-08-09-03-0-003-025

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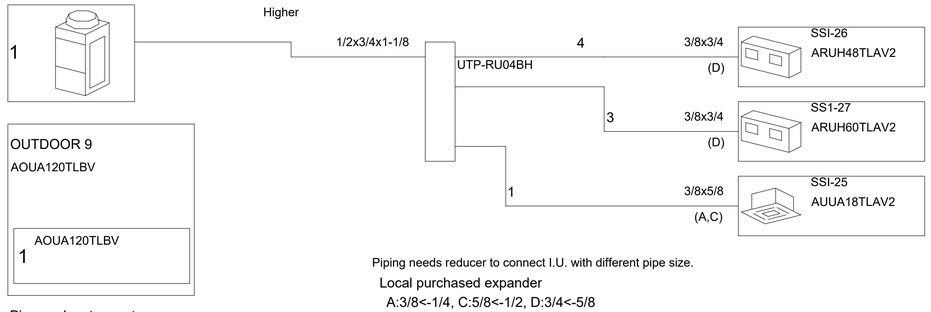
BID SUBMISSION	
Drawn By	Checked By
BKM	BKM

Drawing Title
MECHANICAL DETAILS

Drawing Number
PMS
H803

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\MECH\HB\H800.dwg
Date last accessed: 12/13/2022 2:31 PM
Date last plotted:12/16/2022 12:10 PM
Plotted By: Brendon Mazza



Piping needs reducer to connect I.U. with different pipe size.
Local purchased expander
A:3/8<-1/4, C:5/8<-1/2, D:3/4<-5/8

Pipe explanatory notes

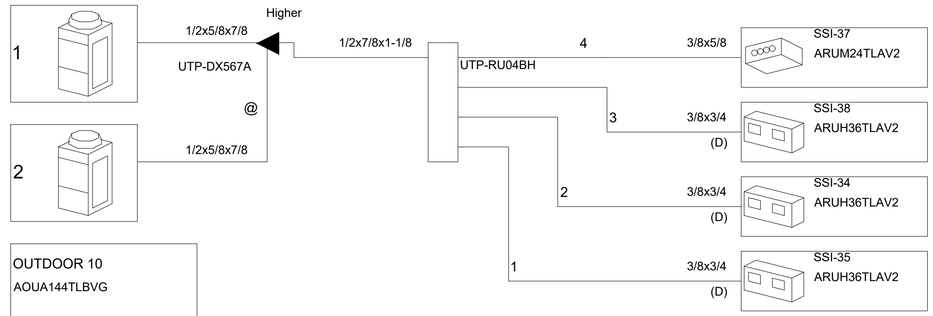
aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

1 H804 **SSO-8 PIPING DIAGRAM**
NOT TO SCALE



Piping needs reducer to connect I.U. with different pipe size.
Local purchased expander
D:3/4<-5/8

@ 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.

Pipe explanatory notes

aa x bb x cc

aa:Liquid
bb:Discharge gas
cc:Suction gas

aa x bb

aa:Liquid
bb:Gas

2 H804 **SSO-9 PIPING DIAGRAM**
NOT TO SCALE

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H804

Sheet size: 24x36
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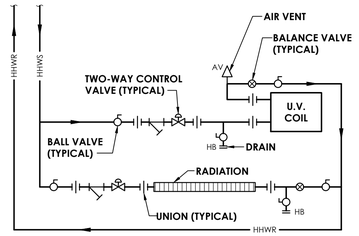
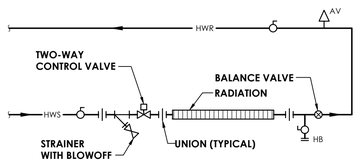


1 H805

UNIT VENTILATOR DETAIL WITH HOT WATER RADIATION

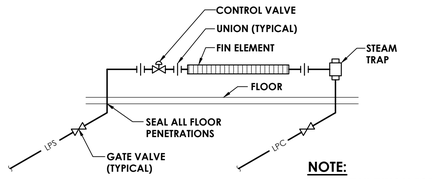
NOT TO SCALE



2 H805

HOT WATER FIN-TUBE RADIATION DETAIL

NOT TO SCALE

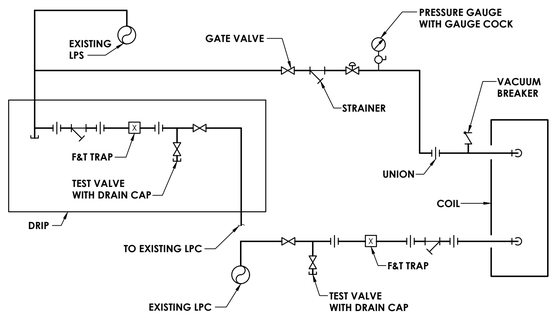


NOTE:
PIPING DETAIL TYPICAL FOR FIN TUBE AND CONVECTORS.

3 H805

STEAM RADIATION PIPING DETAIL

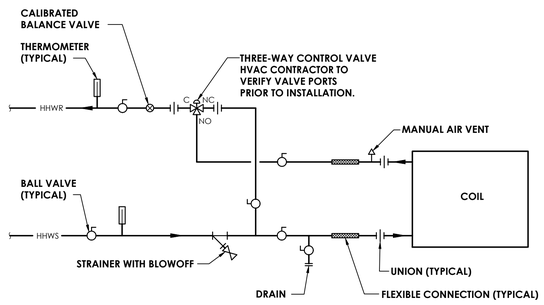
NOT TO SCALE



4 H805

STEAM COIL PIPING DETAIL

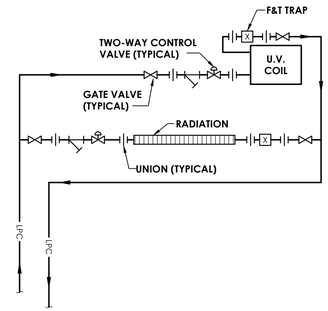
NOT TO SCALE



5 H805

HOT WATER COIL PIPING SCHEMATIC

NOT TO SCALE



6 H805

UNIT VENTILATOR DETAIL WITH STEAM RADIATION

NOT TO SCALE

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

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PROJECT ISSUE & REVISION SCHEDULE

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1	10/31/2022	BID ADDENDUM 1
2	11/10/2022	BID ADDENDUM 2

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued
12/16/22

Scale
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Project Status
BID SUBMISSION

Drawn By
BKM

Checked By
BKM

Drawing Title
MECHANICAL DETAILS

Drawing Number
PMS
H805

ROOFTOP AIR CONDITIONING UNIT SCHEDULE

MARK	LOCATION	NOM. TONS	SUPPLY FAN				EXHAUST FAN			ENERGY RECOVERY										HEATING COIL (HEAT PUMP)			COOLING CAPACITY (DX)						ELECTRICAL		WEIGHT (LBS)	TYPICAL UNIT MFG & MODEL NO.	REMARKS:
										SUMMER					WINTER					CAPACITY (MBH)	EAT °F	LAT °F	TOTAL MBH	SENS MBH	EAT°F		LAT°F	AMB °F	VOLT/Ø	MCA			
			CFM	OA CFM	ESP (IN. W.C.)	BHP / HP	CFM	ESP (IN. W.C.)	BHP / HP	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	28	6400	6400	2	8.24/10	6400	2	6.18/7.5	92/76.5	81/68.3	75/62.5	85.8/71.6	213,120	2/.3	45.1/38.7	72/55.8	26.8/25.6	297,907	143.1	48.4	69.1	327.9	204.4	81	68.3	52	92	208/3	173.2	5155	VALENT VXE-212-52D-25A-J-A1	1,2,3,4
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	1,2,3,4
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	1,2,3,4

REMARKS:
1. PROVIDE WITH FACTORY MOUNTED AND WIRED DISCONNECT SWITCH.
2. PROVIDE WITH HOT GAS REHEAT.
3. PROVIDE MERV 13 FILTERS.
4. 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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
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	1,2,3,4,5
SSI-14	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	1,2,3,4,5
SSI-15	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	1,2,3,4,5
SSI-16	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	1,2,3,4,5
SSI-17	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	1,2,3,4,5
SSI-18	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	1,2,3,4,5
SSI-19	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	1,2,3,4,5
SSI-20	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	1,2,3,4,5
SSI-21	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	1,2,3,4,5
SSI-22	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	1,2,3,4,5
SSI-23	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	1,2,3,4,5
SSI-24	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	1,2,3,4,5
SSI-25	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	1,2,3,4,5
SSI-26	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	1,2,3,4,5
SSI-27	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	1,2,3,4,5
SSI-28	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	1,2,3,4,5
SSI-29	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	1,2,3,4,5
SSI-30	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	1,2,3,4,5
SSI-31	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	1,2,3,4,5
SSI-32	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	1,2,3,4,5
SSI-33	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	1,2,3,4,5
SSI-34	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	1,2,3,4,5
SSI-35	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	1,2,3,4,5
SSI-36	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	1,2,3,4,5
SSI-37	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	1,2,3,4,5
SSI-38	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	1,2,3,4,5
SSI-39	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	1,2,3,4,5
SSI-40	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	1,2,3,4,5
SSI-41	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	1,2,3,4,5
SSI-42	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	1,2,3,4,5
SSI-43	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	1,2,3,4,5
SSI-44	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	1,2,3,4,5

REMARKS:
1. UNIT MOUNTED AND WIRED DISCONNECT.
2. BAC NET INTERGRATION TO BMS.
3. COLOR WHITE.
4. DRAIN PAN LEVEL SESORS.
5. CONDENSATE PUMP.

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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
59-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

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

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS SHOWN

Project Status
BID SUBMISSION

Drawn By	Checked By
BKM	BKM

Drawing Title
MECHANICAL SCHEDULES

Drawing Number
PMS
H900

UNIT VENTILATOR SCHEDULE

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 UAVS9H15	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 UAVS9H15	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 UAVS9H15	1,2,3,4

REMARKS:
1. FACTORY MOUNTED AND WIRED DISCONNECT.
2. ECM MOTORS.
3. FACE AND BYPASS DAMPER.
4. ECM MOTORS.

SPLIT SYSTEM OUTDOOR HEAT PUMP SCHEDULE

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 (Ø/V/Hz)					
SSO-1	ROOF	SSI-1,2,3,4,10,12,13	16	192	216	175.3	148.2	91	AOUA120TLBV - 50 AOUA72TLBV - 41	1/208/60	66-9/16X84-7/16X30-1/8	1236	11.2	FUJITSU AOUA192TLBVG	1
SSO-2	ROOF	SSI-6,7,8,9,11,5	18	216	243	198.9	243.8	91	AOUA120TLBV - 50 AOUA96TLBV - 41	3/208/60	66-9/16X84-7/16X30-1/8	1236	10.9	FUJITSU AOUA216TLBVG	1
SSO-3	ROOF	SSI-18,19,20,21,22,23,24	18	216	243	198.9	243.8	91	AOUA120TLBV - 50 AOUA96TLBV - 41	3/208/60	66-9/16X84-7/16X30-1/8	1236	10.9	FUJITSU AOUA216TLBVG	1
SSO-4	ROOF	SSI-43,44,45,46	14	168	189	134	154.2	82	AOUA96TLBV - 50 AOUA72TLBV - 41	3/208/60	66-9/16X73-1/4X30-1/8	1194	11	FUJITSU AOUA168TLBVG	1
SSO-5	ROOF	SSI-32,33,34,35,36,37	18	216	243	191.6	218.1	91	AOUA120TLBV - 50 AOUA96TLBV - 41	3/208/60	66-9/16X84-7/16X30-1/8	1236	10.9	FUJITSU AOUA216TLBVG	1
SSO-6	ROOF	SSI-25,26,27,28	14	168	189	153	181.6	82	AOUA96TLBV - 41 AOUA72TLBV - 41	3/208/60	66-9/16X73-1/4X30-1/8	1194	11	FUJITSU AOUA168TLBVG	1
SSO-7	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 AOUA36RLAVS4	1
SSO-8	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 AOUA120TLBV	1
SSO-9	ROOF	SSI-38,39,41,42	12	144	162	130.2	147	82	AOUA72TLBV - 41 AOUA72TLBV - 41	3/208/60	66-9/16X73-1/4X30-1/8	1194	11.4	FUJITSU AOUA144TLBVG	1
REMARKS:	1. PROVIDE FACTORY MOUNTED DISCONNECT SWITCH.														

REHEAT COIL SCHEDULE

MARK	LOCATION	SERVES	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	DOAS-3	2725	47	70	0.3	68	-	-	4.53	180	150	0.79	12X32	1	TRANE D5WB12032G0AA109BABA0AB	
HC-2	CORRIDOR	DOAS-3	4320	47	70	0.269	110	-	-	7.18	180	150	1.74	12X53	1	TRANE D5WB12052G0AA098BABA0AB	
HC-3	CORRIDOR	DOAS-2	3915	45	70	0.216	115	5	118.92	-	-	-	-	12X53	1	TRANE DN0B12053G0AA042AADA0B	
HC-4	CORRIDOR	DOAS-2	2340	45	70	0.31	65	-	-	4.32	180	150	0.25	12X30	1	TRANE D5WB12030G0AA142BABA00B	
HC-5	CORRIDOR	DOAS-1	6400	45	70	0.49	174	-	-	11.56	180	150	0.93	27X28	1	TRANE D5WB27028G0AA131GABA0AA	
REMARKS:	1.																

FAN SCHEDULE

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-VG	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.

FIN TUBE SCHEDULE

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	EWT (°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.													

AIR COOLED CONDENSER UNIT SCHEDULE

MARK	LOCATION	SERVES	NOMINAL TONS	RATED COOLING CAPACITY (BTU/HR)	SST °F	ELECTRICAL DATA			EER/SEER	OPERATING WEIGHT (LBS.)	TYPICAL UNIT MFG & MODEL NO.	REMARKS
						RLA	VOLT/Ø	MCA				
ACCU-1	ROOF	UV-1	5	57000	50	25	208/1	32.6	11.7/14	260	DAIKIN DX14SA0601A	1,2
ACCU-2	ROOF	UV-2	5	57000	50	25	208/1	32.6	11.7/14	260	DAIKIN DX14SA0601A	1,2
ACCU-3	ROOF	UV-3	5	57000	50	25	208/1	32.6	11.7/14	260	DAIKIN DX14SA0601A	1,2
REMARKS:	1.PROVIDE APR-410-3 RAWAL HOT GAS BYPASS VALVE.											
	2.PROVIDE FACTORY MOUNTED AND WIRED DISCONNECT SWITCH											

LOUVER SCHEDULE

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.							

REGISTERS, GRILLES, AND DIFFUSERS

MARK	APPLICATION	MATERIAL	TYPE	FINISH	DESIGN EQUIP.	REMARKS:
D1	SUPPLY	STEEL	LAY-IN	WHITE	PRICE SCD	1
G1	RETURN/EA	STEEL	LAY-IN	WHITE	PRICE PDDR	1
R1	RETURN/EA	STEEL	DUCT MOUNTED	WHITE	PRICE 500	2
REMARKS:	1. 24X24 LAY IN MODULE 2. RETURN WITH 45 DEGREE DEFLECTION AND 3/4" BLADE SPACING					

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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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

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AS SHOWN

Project Status
BID SUBMISSION

Drawn By
BKM

Checked By
BKM

Drawing Title
MECHANICAL SCHEDULES

Drawing Number
PMS
H901

WIRING LEGEND:

S. SWITCH
- (NONE) SINGLE POLE TOGGLE SWITCH
- 2 TWO POLE TOGGLE SWITCH
- 3 THREE WAY TOGGLE SWITCH
- 4 FOUR WAY TOGGLE SWITCH
- WP SINGLE POLE WEATHER PROOF SWITCH
- K SINGLE POLE KEYED SWITCH
- K2 TWO POLE KEYED SWITCH
- K3 THREE WAY KEYED SWITCH
- K4 FOUR WAY KEYED SWITCH
- P SINGLE POLE SWITCH WITH PILOT LIGHT
- TM SINGLE POLE SWITCH WITH ONE HOUR TIMER
- T THERMAL SWITCH
- TP THERMAL SWITCH WITH PILOT LIGHT
- M MOMENTARY CONTACT SWITCH
- D DIMMING CONTROL STATION
- M MOTOR RATED SNAP SWITCH

Sn ROMAN NUMERAL DESIGNATES NUMBER OF SWITCHES

Sa LOWER CASE LETTER DESIGNATES SWITCH LEG

SINGLE RECEPTACLE

PLUG MOLD

QUADRAPLEX RECEPTACLE

DUPLEX RECEPTACLE
- GFI GROUND FAULT CIRCUIT INTERRUPTER
- WP WEATHER PROOF IN-USE COVER
- SS SURGE SUPPRESSION
- C COUNTER HEIGHT
- TR TAMPER RESISTANT, UL LISTED
- IG ISOLATED GROUND
- RT RAIN TITE
- E EMERGENCY
- X TYPE X (SEE RECEPTACLE SCHEDULE)

PP POWER POLE

RECESSED FLOOR MOUNTED DUPLEX RECEPTACLE

SURFACE MOUNTED FLOOR RECEPTACLE

CEILING MOUNTED DUPLEX RECEPTACLE

—C— CONDUIT

—W— EXPOSED LOW VOLTAGE WIRING

HORIZONTAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES

VERTICAL NON-METALLIC WIREWAY WITH DATA JACK OUTLETS AND ISOLATED GROUND TYPE DUPLEX RECEPTACLES

—WM— WIRE MOLD

J. JUNCTION BOX
- F FIRE SYSTEM
- S SECURITY SYSTEM

DISCONNECT SWITCH

DSWP DISCONNECT SWITCH - WEATHER PROOF (NEMA 3R)

FUSED DISCONNECT SWITCH

F. COMBINATION FUSED DISCONNECT/ MAGNETIC STARTER SWITCH
- HOA HAND/OFF/AUTO
- SS START/STOP

M MANUAL STARTER

VSD COMBINATION VARIABLE SPEED DRIVE AND DISCONNECT (FURNISHED BY HVAC TO EC TO INSTALL)

VSD VARIABLE SPEED DRIVE (FURNISHED BY HVAC TO EC TO INSTALL)

PB ST/SP PUSHBUTTON - START, STOP

PB ST/SP/PL PUSHBUTTON - START, STOP, WITH PILOT LIGHT

PB UP/DN/SP PUSHBUTTON - UP, DOWN, STOP

EF-1 MOTOR WITH DESIGNATOR

TC TIME CLOCK

WH WATER HEATER

HD HAND DRYER, HARD WIRED

T THERMOSTAT

PCS ADA DOOR OPERATOR STATION 48" AFF

HVP1-6 BRANCH CIRCUIT HOME RUN WITH PANEL NAME AND CIRCUIT NUMBER, QUANTITY OF ARROWHEADS DENOTES QUANTITY OF BRANCH CIRCUITS
- GFI BKR. GFI TYPE BREAKER
- A.F. BKR. ARC FAULT BREAKER

BRANCH CIRCUIT WIRING, PROVIDE QUANTITIES OF CONDUCTORS REQUIRED FOR CIRCUITING AND SWITCHING AS INDICATED

POWER LEG ONLY (NO SWITCH LEG BETWEEN ROOMS)

HARDWIRE CONNECTION

CONDUIT RISER UP

CONDUIT RISER DOWN

T TRANSFORMER

TK TYPE "K" TRANSFORMER

MUSHROOM HEAD PUSH BUTTON (EMERGENCY STOP)

EMERGENCY BREAK GLASS STATION

GROUNDING ROD

SINGLE LINE DIAGRAM LEGEND:

EARTH GROUND

CHASSIS GROUND

XX KVA 480-208/120V K-13 TRANSFORMER - KVA, PRIMARY AND SECONDARY VOLTAGE INDICATED, CONNECTIONS, K-RATING, AND SHIELD SPECIFIED

CURRENT TRANSFORMER

POTENTIAL TRANSFORMER

FUSE

DISCONNECT/LOADBREAK SWITCH

CIRCUIT BREAKER

CIRCUIT BREAKER DRAWOUT MOUNTED (LOW VOLTAGE)

AUTOMATIC TRANSFER SWITCH (NORMAL POSITION SHOWN)

M METER

ENCLOSED CIRCUIT BREAKER

LIGHTNING ARRESTER

FUSED DISCONNECT SWITCH

PANEL 208-120V 225A PANELBOARD- RATINGS AS SPECIFIED IN SINGLE LINE DIAGRAM AND ON PANELBOARD SCHEDULE

COMMUNICATIONS LEGEND:

TELEPHONE
(1) CAT3 - TELEPHONE JACK & CABLE
- (NONE) STANDARD MODULAR JACK FOR TELEPHONE
- W WALL MOUNTED TELEPHONE MODULAR JACK
- P PUBLIC TELEPHONE MODULAR JACK
- C COUNTER HEIGHT MODULAR JACK

TELEPHONE FLOOR OUTLET
(1) CAT3 - TELEPHONE JACK & CABLE

DATA OUTLET WITH FLUSH BOX AND FACEPLATE
(1) CAT5e - DATA JACK & CABLE

COMPUTER FLOOR OUTLET
(1) CAT5e - DATA JACK & CABLE

COMBINATION TELEPHONE CABLE AND DATA OUTLETS IN DOUBLE GANG FLUSH MOUNTED BOX WITH FACEPLATE

WT WIRELESS TRANSMITTER (PROVIDED BY OWNER) CONTRACTOR TO PROVIDE (2) CAT5e DATA JACKS & CABLING

T/D BACK BOX FOR OWNER PROVIDED TEL/COM WIRING & DEVICES

DATA RACK

COAX CABLE (TYPE F CONNECTOR)

CEILING MOUNT LCD PROJECTOR

SPEAKER (PUBLIC ADDRESS)
- (NONE) CEILING MOUNTED
- w WALL MOUNTED

SPEAKER (LOCAL SOUND SYSTEM)

SPEAKER HORN

MICROPHONE JACK

SPEAKER JACK

VOLUME CONTROL

CLOCK

DOUBLE FACE CLOCK

CS COMBINATION CLOCK AND SPEAKER

IC INTERCOM STATION

PA/MA REMOTE PRE-AMPLIFIER AND PAGING MICROPHONE

CJ CONSOLE JACK

HLS HOUSE LIGHT CONTROL STATION

WB WALL BOX AS SPECIFIED

FB FLOOR BOX

NOTE:

SYMBOLS SHOWN ON THIS ELECTRICAL SYMBOLS LIST ARE FOR REFERENCE PURPOSES ONLY. ALL OF THESE SYMBOLS MAY NOT BE USED FOR THIS PROJECT.

FIRE/LIFE SAFETY LEGEND:

FA FIRE ALARM PULL STATION

S Xw FIRE ALARM SPEAKER - WALL MOUNTED
Xw = INDICATES MINIMUM DESIGN TAP WATTAGE

S C Xw FIRE ALARM SPEAKER - CEILING MOUNTED
Xw = INDICATES MINIMUM DESIGN TAP WATTAGE

XXcd Xw FIRE ALARM SPEAKER AND STROBE COMBINATION
XXcd = STROBE CANDELA RATING
Xw = INDICATES MINIMUM DESIGN TAP WATTAGE

XXcd FIRE ALARM STROBE
XXcd = STROBE CANDELA RATING

XXcd FIRE ALARM STROBE - CEILING MOUNTED
XXcd = STROBE CANDELA RATING

SMOKE DETECTOR

SWG SMOKE DETECTOR WITH GUARD

CO CARBON MONOXIDE DETECTOR

CH4 NATURAL GAS SENSOR

HEAT DETECTOR - 160° RATE OF RISE

COMBINATION SMOKE/HEAT DETECTOR

HFF HEAT DETECTOR - 190° FIXED TEMPERATURE

EXP HEAT DETECTOR - EXPLOSION PROOF

BT BEAM SMOKE DETECTOR TRANSMITTER

BR BEAM SMOKE DETECTOR RECEIVER

D. DUCT DETECTOR
- SA INDICATES INSTALLATION IN SUPPLY AIR
- RA INDICATES INSTALLATION IN RETURN AIR

RTS REMOTE TEST STATION FOR DUCT DETECTOR

R FIRE ALARM SHUT DOWN RELAY

DH FIRE DOOR HOLD OPEN

TS TAMPER SWITCH

FS FLOW SWITCH

FSS FIRE SUPRESSION ANSUL SYSTEM CONNECTION

SD. SMOKE DAMPER RELAY CONNECTION
- SD/FD SMOKE DAMPER AND FIRE DAMPER
- SD SMOKE DAMPER

CM CONTROL MODULE, ADDRESSABLE

AREA OF RESCUE CALL STATION

ARM AREA OF RESCUE MASTER TELEPHONE STATION

FI FIRE ALARM AS-BUILT DOCUMENT CABINET, LOCATE ADJACENT TO FIRE ALARM CONTROL PANEL

SH SMOKE HATCH RELAY RELEASE

SECURITY LEGEND:

KP SECURITY KEY PAD

VIDEO CAMERA

VM CCTV VIDEO MONITOR

PIR PASSIVE INFRARED MOTION DETECTOR

PR PROXIMITY CARD READER

CS CALL SWITCH

DC DOOR CONTACT

WC WINDOW CONTACT

ES ELECTRIC STRIKE DOOR RELEASE

ML MAGNETIC DOOR RELEASE

DA DOOR ACTUATOR

NURSE CALL LEGEND:

CB NURSE CALL BUTTON

P NURSE CALL PATIENT BED STATION

B NURSE CALL CODE BUTTON

SA NURSE CALL STAFF ASSIST STATION

S NURSE CALL STAFF STATION

SD NURSE CALL DUTY/STAFF STATION

D NURSE CALL DUTY STATION

NURSE CALL LIGHT

NURSE CALL CODE LIGHT

NURSE CALL ZONE LIGHT

M NURSE CALL MASTER STATION

E NURSE CALL EMERGENCY PULL STATION

IR NURSE CALL INFRARED SENSOR

LIGHT FIXTURE LEGEND:

XX LIGHTING FIXTURE
(SEE LIGHTING FIXTURE SCHEDULE FOR LETTER DESIGNATION AND DESCRIPTION OF FIXTURES)

EM EM EMERGENCY AND/OR NIGHT LIGHT LIGHTING FIXTURE
EM = INDICATES EMERGENCY 90 MINUTE BATTERY REQUIRED

EXIT LIGHTING FIXTURE UNIVERSAL MOUNT, SINGLE/DOUBLE FACE
(WHERE USED, ARROW INDICATES CHEVRON DIRECTION)

BATTERY POWERED EMERGENCY LIGHT WITH 90 MINUTE BATTERY

TRACK LIGHTING

POLE MOUNTED LIGHTING (QUANTITY AND ORIENTATION OF HEADS AS SHOWN)

OCS OCCUPANCY SENSOR - CEILING MOUNTED

OSW OCCUPANCY SENSOR - WALL MOUNTED

LC LIGHTING CONTACTOR

PC PHOTOCELL

S. SWITCH
- D LOW VOLTAGE 4-BUTTON DIMMING STATION (WITH ON/OFF AND RAISE/LOWER BUTTONS)
- D1 LOW VOLTAGE 4-BUTTON DIMMING STATION (WITH ON/OFF AND RAISE/LOWER BUTTONS AND PROTECTIVE HOUSING)
- O LOW VOLTAGE OCCUPANCY SENSOR DIMMING SWITCH (WITH OCCUPANCY SENSOR, ON/OFF AND RAISE/LOWER BUTTONS)

PANEL LEGEND:

EXISTING ELECTRICAL PANEL

XXX NEW ELECTRICAL PANEL
- MDP MAIN DISTRIBUTION PANEL
- LVP LOW VOLTAGE PANEL
- HVP HIGH VOLTAGE PANEL
- LP LIGHTING CONTROL PANEL
- IG ISOLATED GROUND PANEL
- MSB MAIN SWITCH BOARD
- MCC MOTOR CONTROL CENTER
- TVSS TRANSIENT VOLTAGE SURGE SUPPRESSION

ATS AUTOMATIC TRANSFER SWITCH

XXX ELECTRICAL SYSTEMS PANEL
- SACP SECURITY ALARM CONTROL PANEL
- FACP FIRE ALARM CONTROL PANEL
- PA PUBLIC ADDRESS CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- FACP FIRE ALARM CONTROL PANEL

ELECTRICAL PANELBOARD LABELING PLACARD

LINE 1 - PANELBOARD NAME: PP1 (EXAMPLE)
LINE 2 - VOLTAGE AND PHASE: 208/120V-3PH-4W (EXAMPLE)
LINE 3 - WHERE PANELBOARD IS FED FROM: FF MSB BREAKER #14 (EXAMPLE)

GENERAL ELECTRICAL NOTES:

1) HATCHED AREAS ////// DESIGNATE EXISTING EQUIPMENT TO BE REMOVED, UNLESS OTHERWISE NOTED.

2) ALL WORK TO BE DONE IN ACCORDANCE WITH THE 2017 EDITION OF THE NATIONAL ELECTRIC CODE (NFPA 70).

3) CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS AND COORDINATE WITH EXISTING EQUIPMENT PRIOR TO BIDDING.

BUILDING:

4) INSTALLATION HEIGHT TO CENTER OF EQUIPMENT ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED TO BE:
RECEPTACLE = 18"
SWITCH = 44"
MODULAR JACK FOR WALL MOUNTED TELEPHONE = 52"
MODULAR TELEPHONE JACK = 18"
AUDIO/VISUAL FIRE ALARM INDICATORS = 88"
FIRE ALARM PULL STATIONS = 48"
TELEVISION OUTLET = 7'-0"
COMPUTER OUTLET = 18"
CALL SWITCH = 44"
REMOTE TEST STATION FOR DUCT DETECTOR = 52"
C = ABOVE COUNTER BACKSPLASH, COORDINATE WITH ARCHITECTURAL ELEVATIONS AND MILLWORK.

5) INSTALL DATA JACKS FOR CEILING MOUNTED WIRELESS TRANSMITTERS ABOVE CEILING IN ALL AREAS WHERE THERE IS AN ACCESSIBLE CEILING. PROVIDE FLUSH MOUNTED JACKS IN ALL HARD CEILINGS.

6) ALL CONDUIT AND WIRING TO BE CONCEALED IN WALLS, FLOOR, OR ABOVE CEILINGS UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. ALL DEVICE OUTLET BOXES SHALL BE RECESSED UNLESS OTHERWISE NOTED OR APPROVED BY THE ARCHITECT/ENGINEER. WHERE APPROVED OR NOTED, SURFACE METAL RACEWAY AND DEVICE BOXES SHALL BE USED IN-LIEU OF CONDUIT AND CONCEALED BOXES AT NO EXTRA COST TO THE OWNER.

7) ALL CONDUIT ROUTES SHOWN ARE APPROXIMATE ONLY. CONTRACTOR SHALL FIELD VERIFY FINAL ROUTE.

8) CONDUIT RUNS SHOWN ARE SCHEMATICAL AND DO NOT INDICATE THE NECESSARY FITTINGS AND JUNCTION BOXES THAT ARE INCLUDED IN THE SCOPE OF THE WORK.

GROUNDING:

9) ALL METAL RACEWAYS, INCLUDING CONDUIT, WIRE TROUGHS, WIREMOLD, ETC., SHALL BE GROUNDED. ALL CONNECTIONS IN METAL RACEWAYS SHALL BE COMPLETED IN SUCH A MANNER AS TO MAINTAIN A CONTINUOUS PATH TO GROUND THROUGHOUT THE ENTIRE LENGTH OF THE RACEWAY.

WIRING:

10) UNLESS NOTED OTHERWISE ON THE DRAWINGS OR ON THE EQUIPMENT WIRING SCHEDULE, EACH BRANCH CIRCUIT SHALL BE THREE (3) #12 AWG THHN/THWN (1 HOT, 1 NEUTRAL & 1 EQUIPMENT GROUND) IN 3/4" EMT CONDUIT. PROTECT EACH CIRCUIT WITH A 20 AMPERE, 1-POLE OVERCURRENT DEVICE UNLESS OTHERWISE NOTED. PROVIDE #10 AWG FOR 120V BRANCH CIRCUITS LONGER THAN 100 FEET. COMBINED NEUTRALS ARE NOT PERMITTED.

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PMS HVAC REPLACEMENT

Project Address
40 ROMER AVE, PLEASANTVILLE, NY 10570

Multiple Building Names
- 66-08-01-05-0-003-025

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SHEET INFORMATION

Issued	Scale
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MAY	JAS

Drawing Title
ELECTRICAL LEGEND & NOTES

Drawing Number
PMS
E000

Plotted By: James Sleicher
Date last plotted: 12/14/2022 2:54 PM
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Sheet size: 24x36
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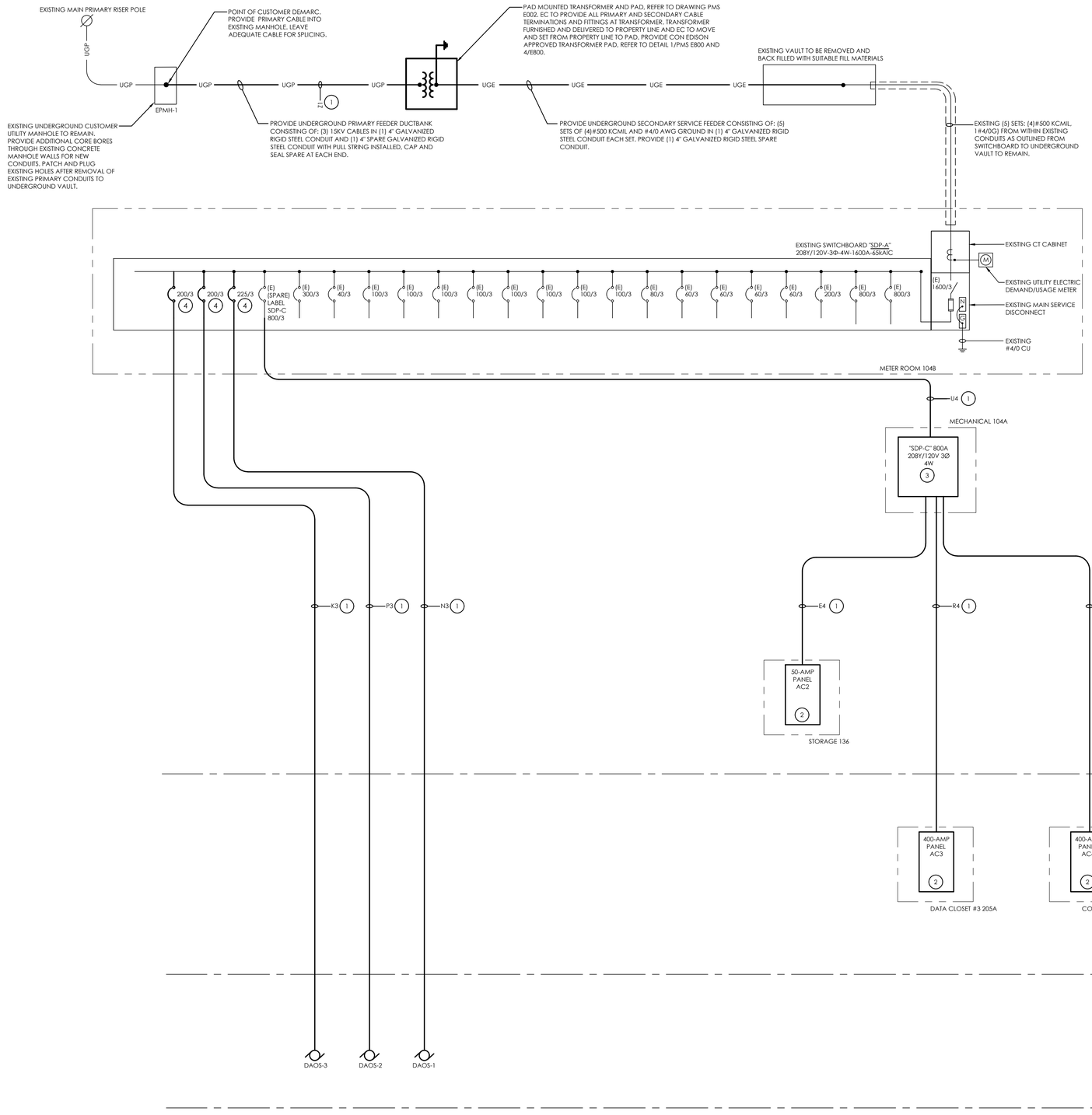

GENERAL NOTES:

A. THE CONTRACTOR SHALL COORDINATE ALL EQUIPMENT SHUTDOWNS IN FIELD WITH OWNER. OWNER SHALL BE GIVEN A MINIMUM OF 3 WEEKS NOTICE PRIOR TO ANY SHUTDOWNS.

B. EQUIPMENT AND FEEDERS LABELED AS "(E)" ARE EXISTING TO REMAIN.

KEY NOTES:

1. PROVIDE NEW CONDUIT AND CONDUCTORS AS INDICATED.
2. PROVIDE NEW PANEL AS INDICATED. REFER TO DRAWING E901.
3. PROVIDE NEW POWER DISTRIBUTION PANEL AS INDICATED. REFER TO DRAWING E901.
4. 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-QED-2 SWITCHBOARD".

CIRCUIT LEGEND

CKT. I.D.	3Ø, 4W WIRE AND CONDUIT
(E)	EXISTING FEEDER TO REMAIN AND BE RECONNECTED.
B3	3#1/0, 1#10G, 3/4"C
B4	4#1/0, 1#10G, 3/4"C
C3	3#8, 1#10G, 1"C
C4	4#8, 1#10G, 1"C
D3	3#6, 1#10G, 1 1/2"C
D4	4#6, 1#10G, 1 1/2"C
E3	3#4, 1#8G, 1"C
E4	4#3, 1#8G, 1 1/4"C
F4	4#4, 1#8G, 1 1/4"C
G3	3#2, 1#8G, 1 1/2"C
G4	4#2, 1#8G, 1 1/2"C
H3	3#2, 1#6G, 1 1/2"C
J3	3#1, 1#3G, 1 1/2"C
K3	3#2/0, 1#6G, 2"C
L3	3#2/0, 1#4G, 2"C
M3	3#3/0, 1#6G, 2"C
N3	3#3/0, 1#4G, 2"C
N4	4#4/0, 1#4G, 2"C
P3	3-250KCM, 1#3G, 2 1/2"C
Q4	4-350KCM, 1#1G, 3"C
R4	4-500KCM, 1#3G, 3"C
S4	2 ea.[4-#4/0, 1#4G, 2 1/2"C]
T4	2 ea.[4-350KCM, 1#1G, 3"C]
U4	2 ea.[4-500KCM, 1#2/0G, 4"C]
V4	3 ea.[4-350KCM, 1#1/0G, 3"C]
W4	3 ea.[4-500KCM, 1#2/0G, 4"C]
X4	4 ea.[4-350KCM, 1#3/0G, 3 1/2"C]
Y4	5 ea.[4-500KCM, 1#4/0G, 4"C]
Z1	(4)#2, 15kV MV-90 CLJ2 CABLE IN 4"C & (1) 4" SPARE *

* = INSTALL PULL STRING IN SPARE CONDUIT AND CAP AND SEAL AT BOTH ENDS.

LEGEND:

EXISTING

NEW

1 E001 POWER ONE LINE DIAGRAM

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

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MAY	JAS

Drawing Title
POWER ONE LINE DIAGRAM

Drawing Number
PMS
E001

GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR COMPLIANCE WITH THE NOTES AND SPECIFICATIONS CONTAINED HEREIN, AS WELL AS THOSE CONTAINED IN OTHER 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, CURB, 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 R.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

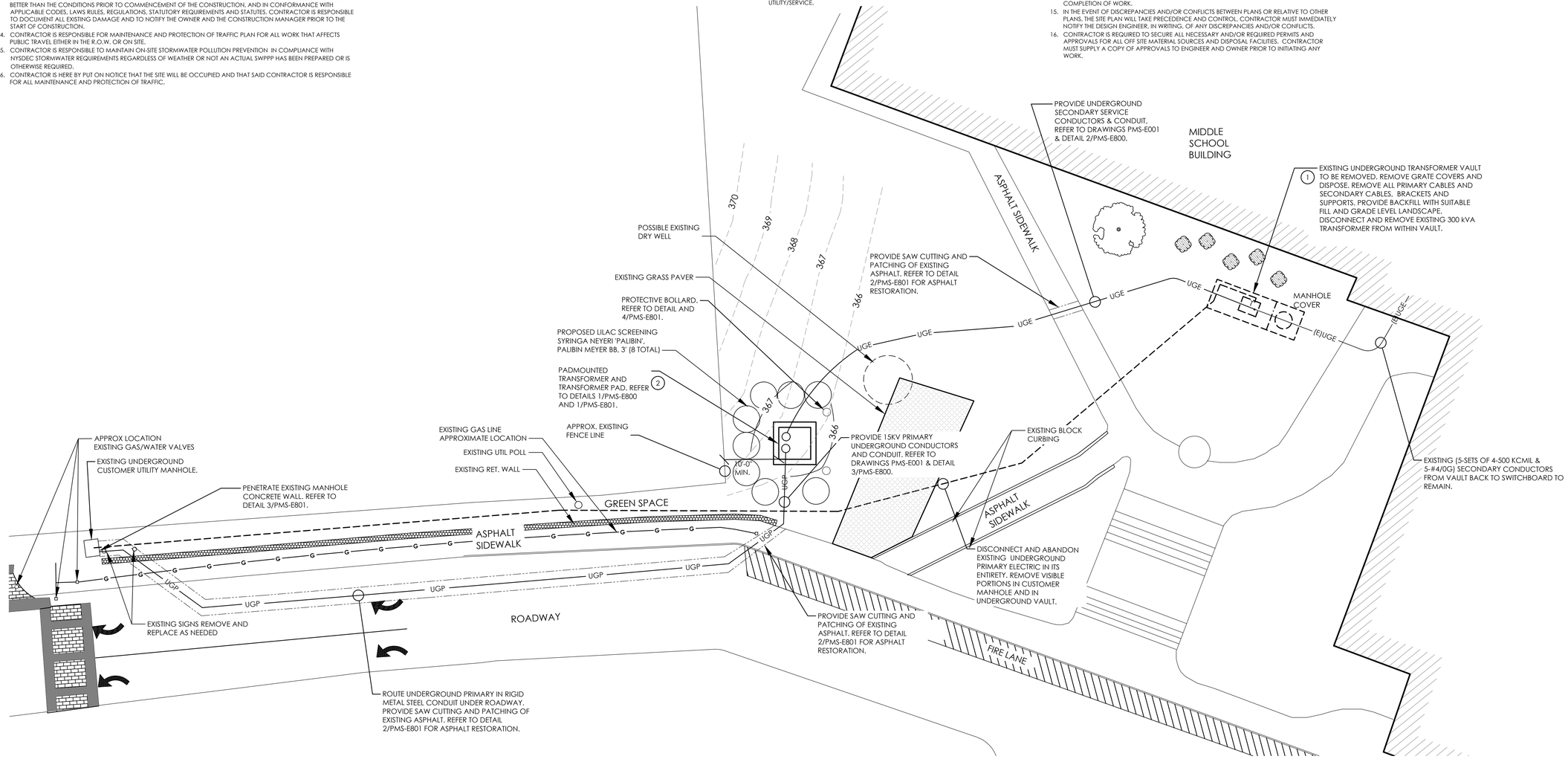
1. SEDIMENT FROM THE SITE SHALL BE PREVENTED FROM DISCHARGING TO ANY SURFACE WATER OR STORMWATER PIPING SYSTEM BY THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
2. CONTRACTOR SHALL APPOINT A PERSON TO BE RESPONSIBLE 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 OWNER'S 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 OR DEBRIS, REFUSE AND SILT AT ALL TIMES.
16. DEBRIS, VEGETATION AND OTHER SPOILS 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, CURB, 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.



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

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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
66-08-09-05-0-003-025

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 COMMISSIONER'S REGULATIONS FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED ARCHITECT, ENGINEER OR LAND SURVEYOR, TO ALTER ANY ITEM ON ANY PLAN BEARING THE SEAL OF AN ARCHITECT, ENGINEER OR LAND SURVEYOR. IF 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.

SHEET INFORMATION

Issued	Scale
12/16/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
JAS	JAS

Drawing Title
ELECTRICAL SITE PLAN

Drawing Number
PMS E002

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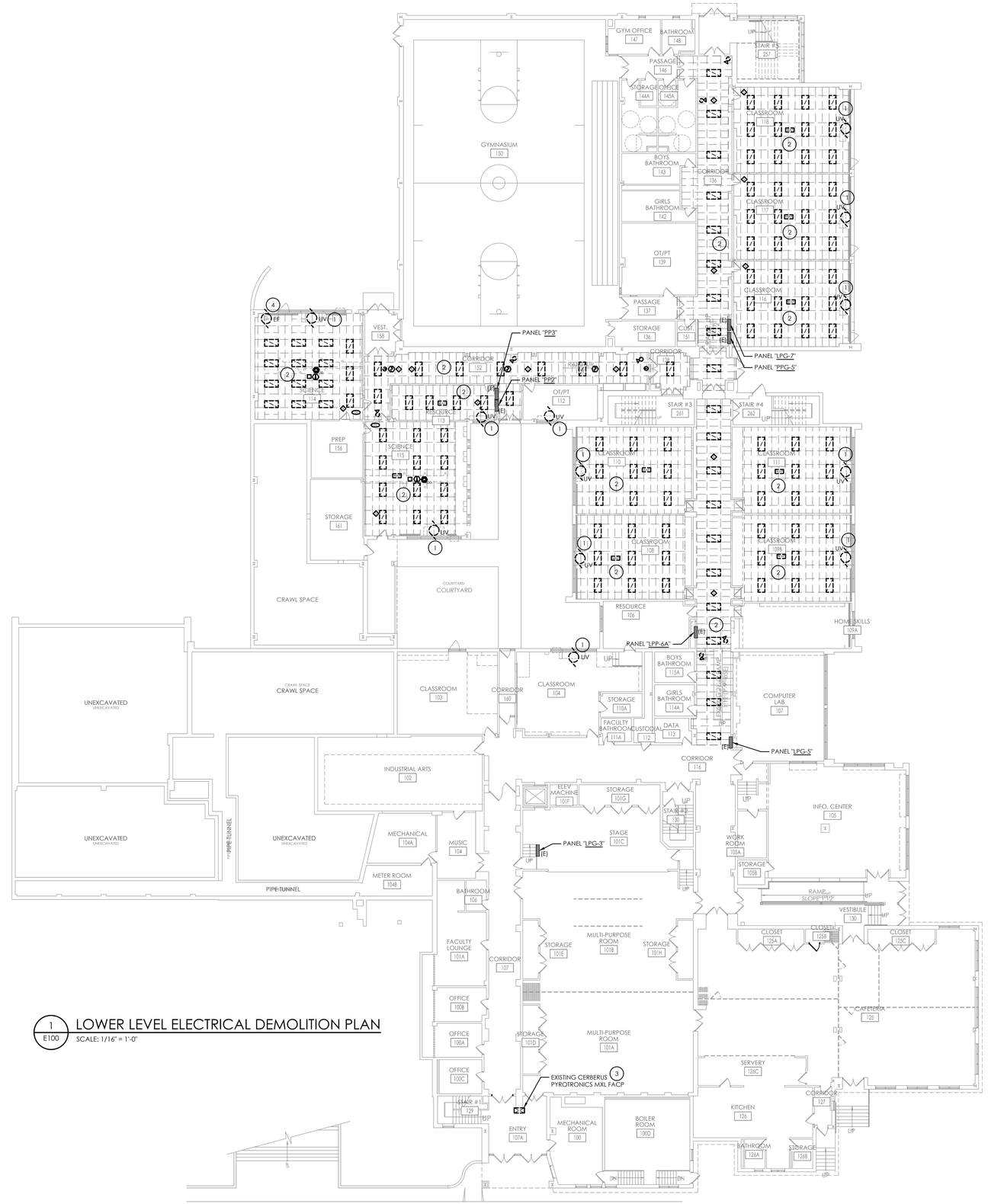
Plotted By: James Sleicher



1 / E100 LOWER LEVEL 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. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

I. 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. PATCH EXISTING FLOOR HOLE WHERE CIRCUIT PENETRATION EXISTS FROM FLOOR.

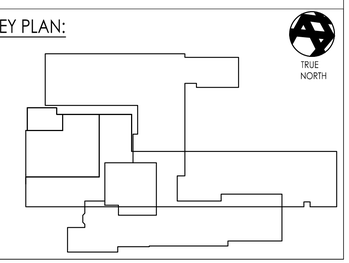
2. DISCONNECT, REMOVE AND STORE EXISTING CEILING ELECTRICAL FIXTURES AND DEVICES INDICATED TO ALLOW REMOVAL OF EXISTING CEILING WITHIN ROOM OR CORRIDOR(S) UNLESS OTHERWISE NOTED. MAINTAIN ALL EXISTING WIRING AND TAG FOR REUSE AND RECONNECTION.

3. DISCONNECT AND REMOVE EXISTING FIRE ALARM CONTROL PANEL. PULL BACK ALL FIRE ALARM CIRCUITS TO ABOVE ACCESSIBLE CEILING AND PREPARE FOR EXTENSION TO REPLACEMENT FIRE ALARM CONTROL PANEL. REFER TO DRAWING PMS E200.

4. DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FROM SSI BACK TO SOURCE IN ITS ENTIRETY.

5. DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FROM ACCU 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.

KEY PLAN:



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40 ROMER AVE. PLEASANTVILLE, NY 10570

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66-08-01-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
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Project Status	
BID SUBMISSION	
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JAS	JAS

Drawing Title
LOWER LEVEL ELECTRICAL DEMOLITION PLAN

Drawing Number
PMS E100

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\CD Design\06 CAD\ACAD\ELEC\E1\E100.dwg
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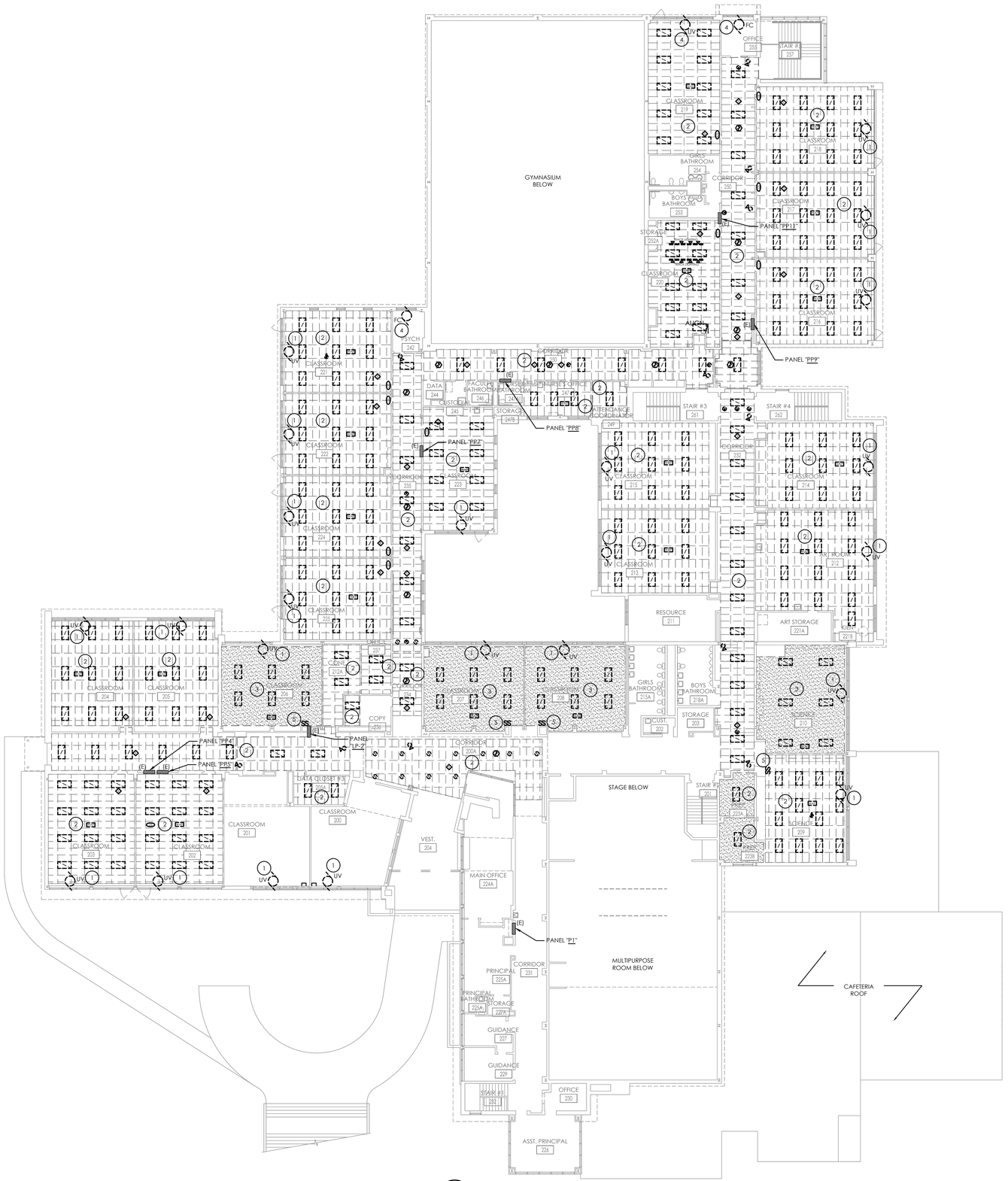

1 UPPER LEVEL ELECTRICAL DEMOLITION PLAN
E101
SCALE: 1/16" = 1'-0"

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. CONTRACTOR SHALL PROVIDE NEW COVERPLATES ON ALL UNUSED FLUSH MOUNT DEVICE BOXES UPON COMPLETION OF PROJECT.

I. 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. PATCH EXISTING FLOOR HOLE WHERE CIRCUIT PENETRATION EXISTS.

(2) 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.

(3) 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.

(4) DISCONNECT AND REMOVE EXISTING BRANCH CIRCUIT WIRING AND CONDUIT FROM SSI BACK TO SOURCE IN ITS ENTIRETY.

(5) 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.

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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
☐ 66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/31/22	BID ADDENDUM 1

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
MAY	JAS

Drawing Title
UPPER LEVEL ELECTRICAL DEMOLITION PLAN

Drawing Number
PMS E101

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\E1\E101.dwg
Date last accessed: 12/14/2022 2:57 PM
Date last plotted: 12/14/2022 2:57 PM
Plotted By: James Sleicher

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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SHEET INFORMATION

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12/16/22

Scale
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Project Status
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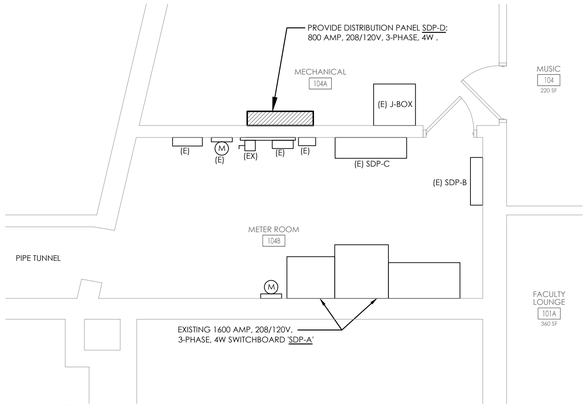
Drawn By
MAY

Checked By
JAS

Drawing Title
ROOF ELECTRICAL DEMOLITION PLAN

Drawing Number
PMS
E102



2 E200 LOWER LEVEL POWER & SYSTEMS ENLARGED PLAN

SCALE: 1/4" = 1'-0"

1 E200 LOWER LEVEL ELECTRICAL DEMOLITION PLAN

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 "(E)" 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/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.

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 Names
☐ 66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

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12/16/22	AS INDICATED

Project Status
BID SUBMISSION

Drawn By	Checked By
MAY	JAS

Drawing Title
LOWER LEVEL POWER & SYSTEMS PLAN

Drawing Number
PMS E200

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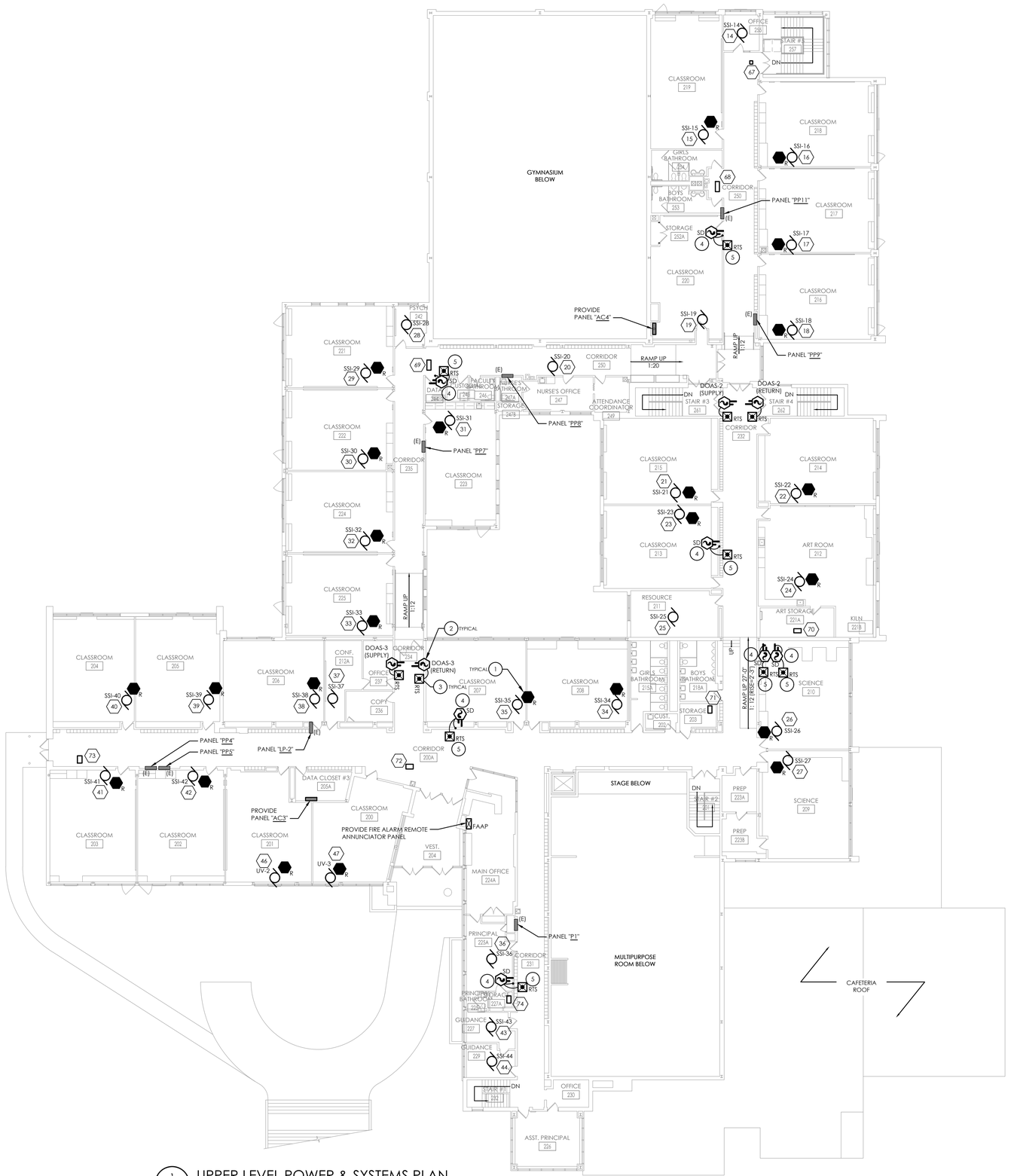

1 / E201 UPPER LEVEL POWER & SYSTEMS PLAN

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 "(E)" 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/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.

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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
06-08-09-05-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS INDICATED
Project Status	
BID SUBMISSION	
Drawn By	Checked By
MAY	JAS

Drawing Title
UPPER LEVEL POWER & SYSTEMS PLAN

Drawing Number
PMS
E201

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\E2\E201.dwg
Date last accessed: 12/14/2022 11:48 AM
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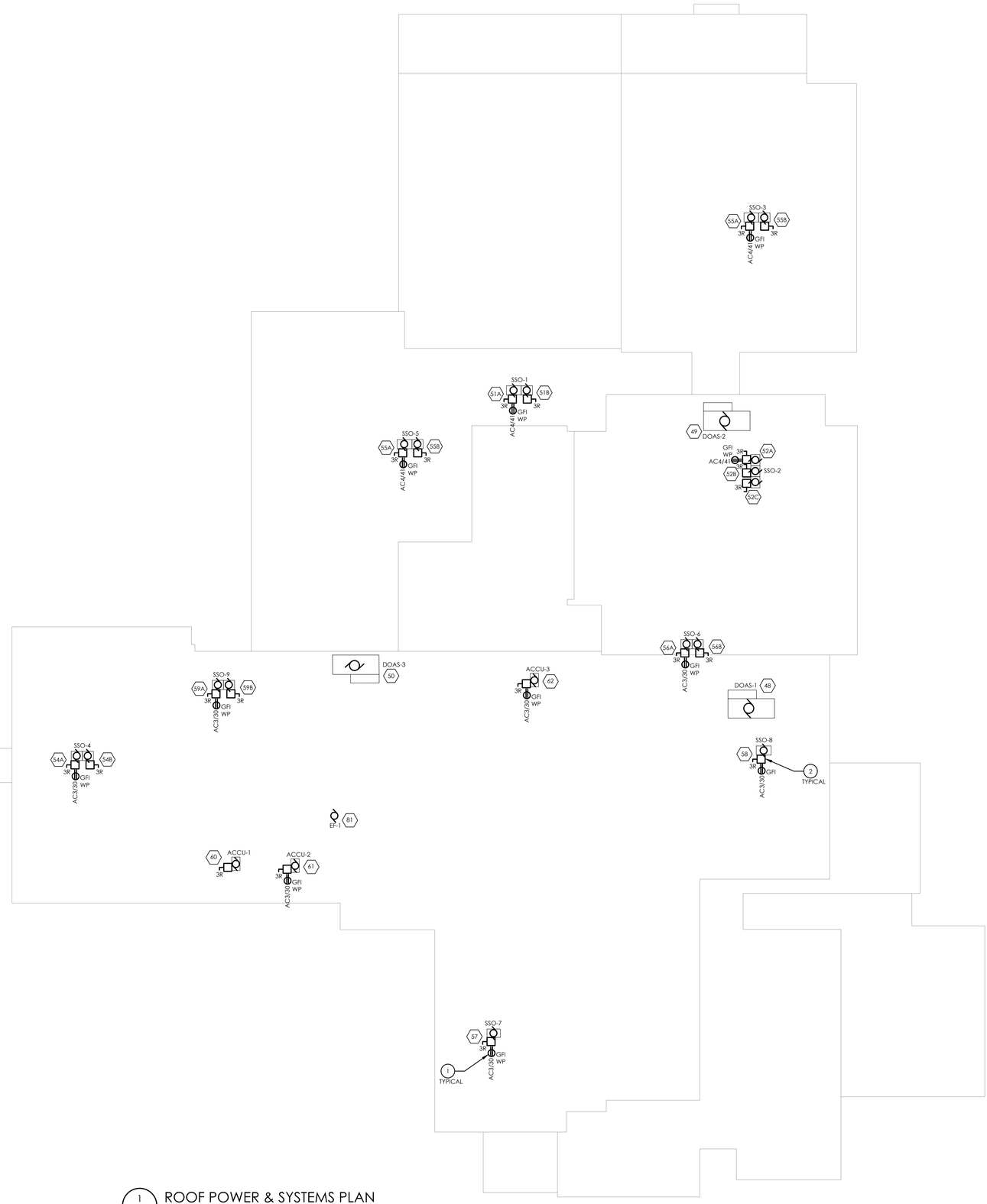

1 E202 ROOF POWER & SYSTEMS PLAN

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

GENERAL NOTES:

A. AT EACH (X) SYMBOL INDICATES, REFER TO ELECTRICAL EQUIPMENT WIRING SCHEDULE ON DRAWING PMS-E900.

B. 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.

C. 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.

D. 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.

E. ALL SYSTEMS CABLING SHALL BE RUN IN FREE-AIR AND SUPPORTED ABOVE CEILINGS VIA J-HOOKS. J-HOOKS NOT TO EXCEED 5-0" SPACING.

F. 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.

G. 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.

H. 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 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.

(2) 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
66-08-09-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

NEW YORK STATE EDUCATION STATEMENT

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SHEET INFORMATION

Issued	Scale
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Drawn By	Checked By
MAY	JAS

Drawing Title
ROOF POWER & SYSTEMS PLAN

Drawing Number
PMS
E202

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\LE2\E202.dwg
Date last accessed: 12/14/2022 11:49 AM
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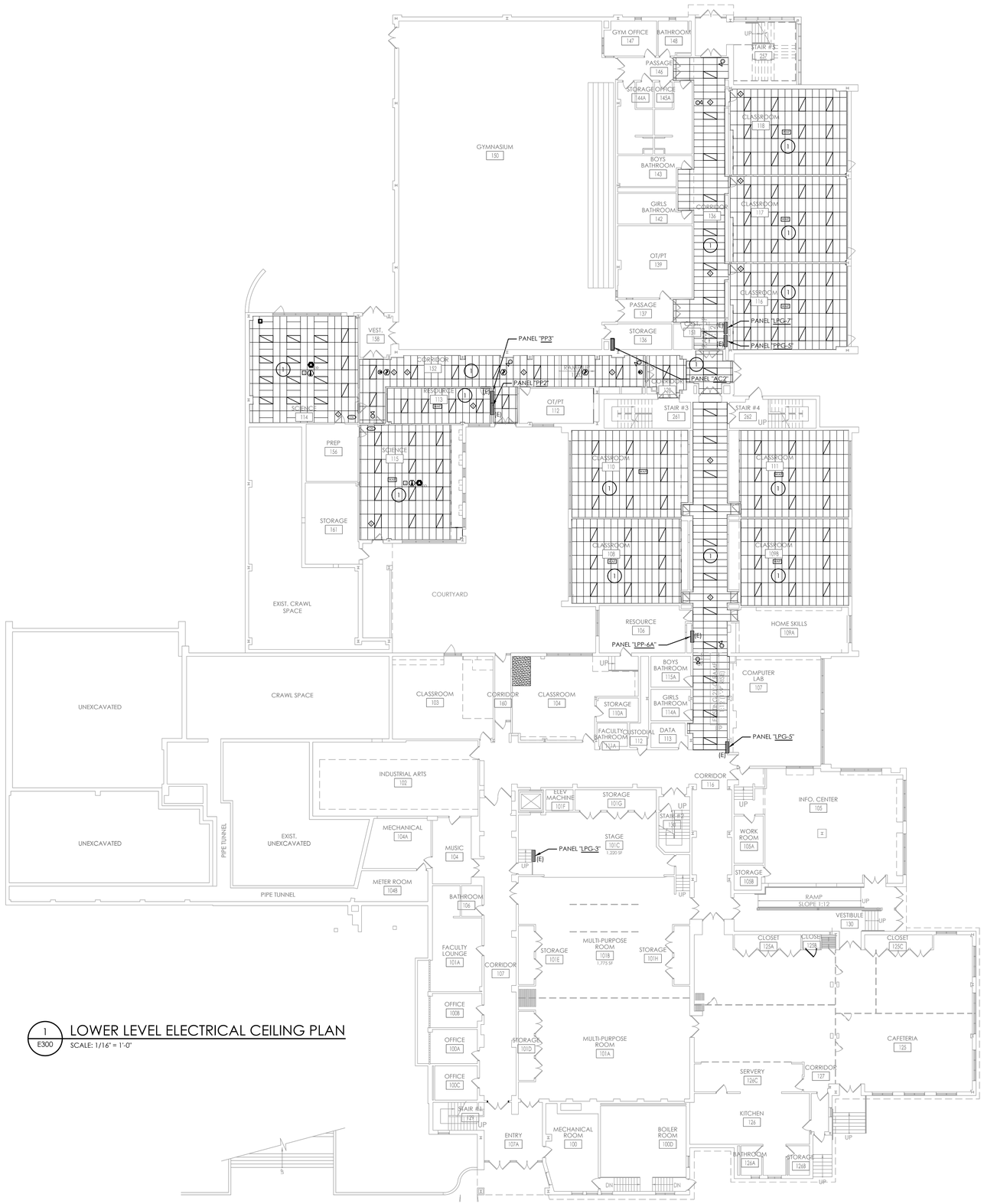
Plotted By: James Sleicher



1 / E300 LOWER LEVEL ELECTRICAL CEILING PLAN
SCALE: 1/16" = 1'-0"

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.

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PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description
1	10/31/22	BID ADDENDUM 1

PROFESSIONAL STAMPS

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Drawn By	Checked By
MAY	JAS

Drawing Title
LOWER LEVEL ELECTRICAL CEILING PLAN

Drawing Number
PMS
E300

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\1E3\E300.dwg
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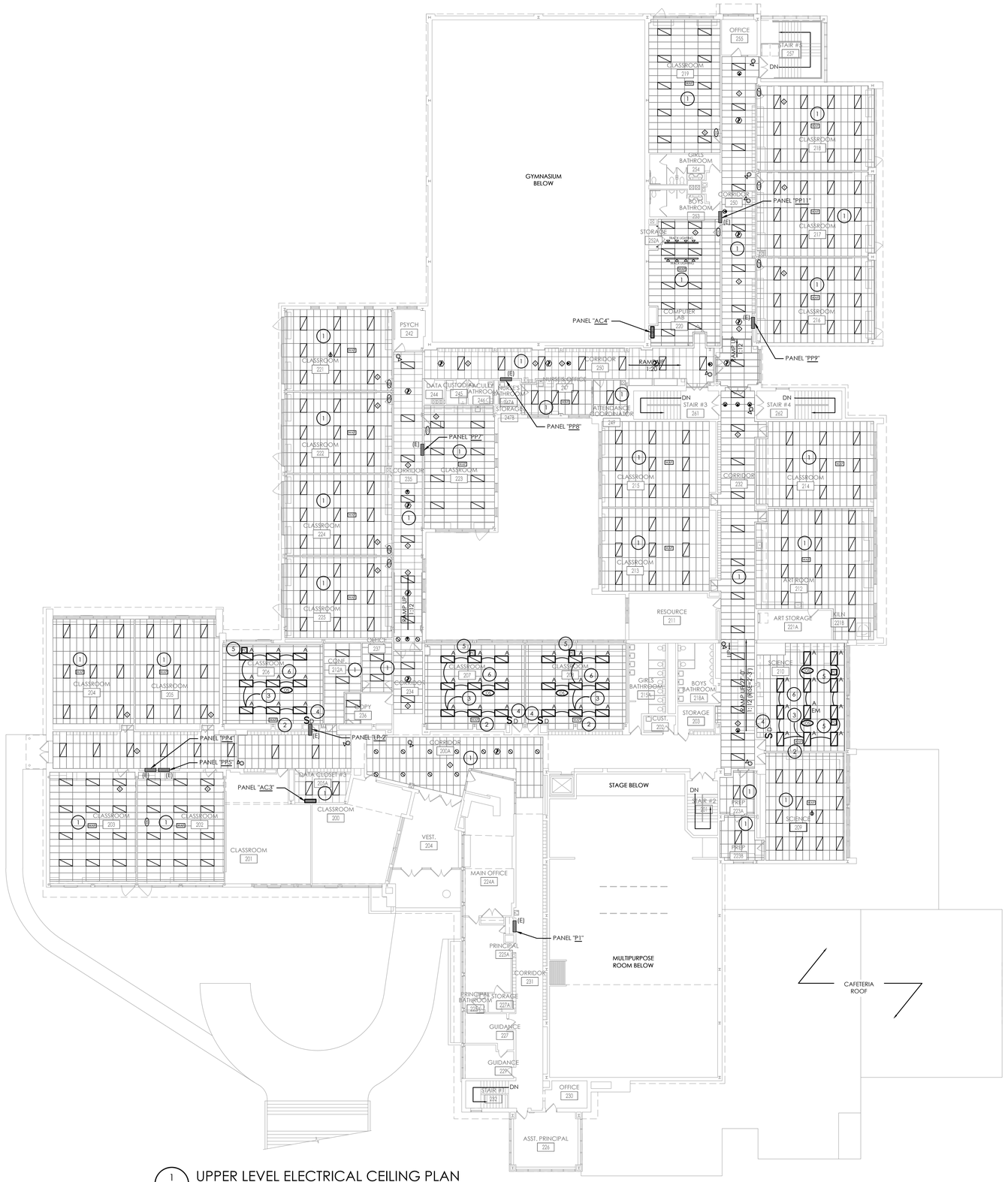
Date last plotted:12/14/2022 3:00 PM



1 E301 UPPER LEVEL ELECTRICAL CEILING PLAN
SCALE: 1/16" = 1'-0"

GENERAL NOTES:

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 OPERATIONAL LIGHTING SYSTEM TO MEET INTENT OF LIGHTING SEQUENCE OF OPERATION AS SHOWN.

D. ALL FIXTURES INDICATED WITH "EM" DESIGNATION SHALL HAVE EMERGENCY 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 COVERATE (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.

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.

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.

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SHEET INFORMATION

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12/16/22	AS INDICATED

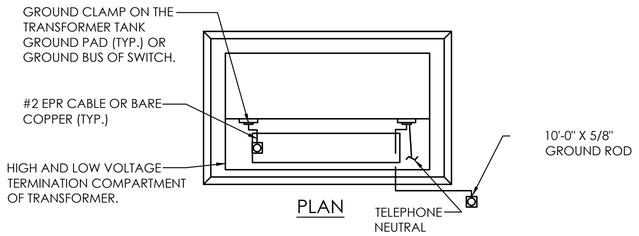
Project Status
BID SUBMISSION

Drawn By	Checked By
MAY	JAS

Drawing Title
UPPER LEVEL ELECTRICAL CEILING PLAN

Drawing Number
PMS E301

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\E3\E301.dwg
Date last accessed: 12/14/2022 8:13 AM
Date last plotted: 12/14/2022 3:00 PM
Plotted By: James Sleicher



INSTALLATION PROCEDURES PREFERRED METHOD

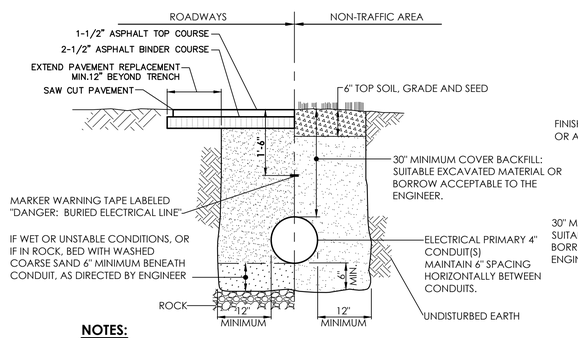
1- DRIVE A 10-FOOT, 5/8" DIA. GROUND ROD AT THE LEFT SIDE OF THE TRANSFORMER TANK GROUND PAD, AS SHOWN ON THE DRAWING. INSTALL A SECOND 10 FEET, 5/8" DIA. GROUND ROD AT A DISTANCE OF MINIMUM 6'-0" AWAY FROM THE FIRST ROD ON THE RIGHT HAND SIDE. INSTALL THE SECOND ROD IN A NEARBY CABLE TRENCH, IF IT IS 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.

4 / E800 **PAD MOUNTED TRANSFORMER GROUNDING DETAIL**
SCALE: NOT TO SCALE

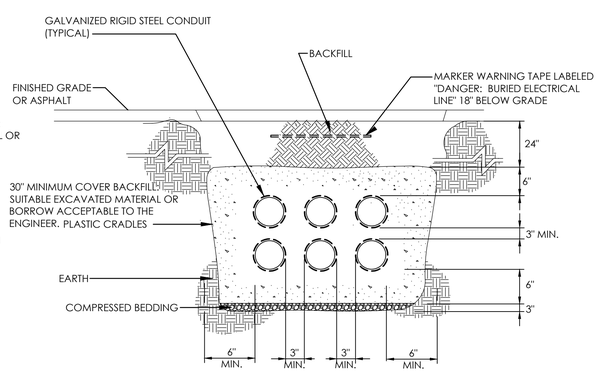


NOTES:

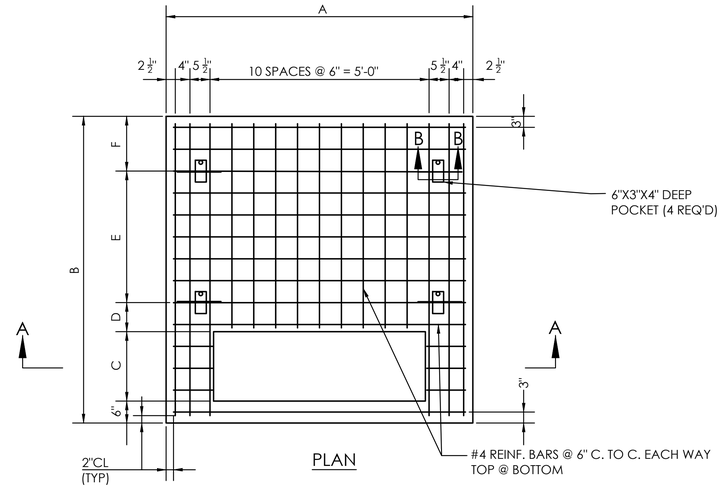
1) ALL MATERIAL PLACED IN GRAVEL/ROADWAY AREAS SHALL BE COMPACTED IN MAXIMUM 6" LIFTS.

2) THIS TRENCH DETAIL SHALL INCLUDE THE REQUIREMENTS COMMON TO MORE THAN ONE SECTION OF DIVISION 2 OF THE SPECIFICATIONS.

3 / E800 **PRIMARY CONDUIT TRENCH DETAIL**
SCALE: NOT TO SCALE



2 / E800 **SECONDARY ELECTRIC DUCT BANK DETAIL**
SCALE: NOT TO SCALE



TABLE

THREE PHASE TRANSFORMER SIZE (KVA)	PRIMARY VOLTAGE	CONCRETE PAD TYPE OF INSTALLATION	DIMENSION (INCHES) A	B	C	D	E	F	G	H	J	T	X	APPROX. CONC. VOL (CU. YDS.)	APPROX. PRECAST PAD WEIGHT (LBS.) REINF	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	---	---

NOTES:

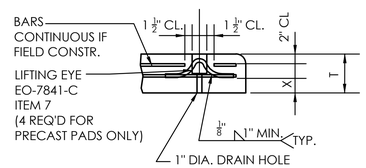
1. WHERE PRACTICAL, INSTALL PAD SO THE TRANSFORMER WILL FACE (BE ACCESSIBLE FROM) THE STREET.
2. REFER TO EO-6242 FOR PAD LOCATION AND CLEARANCES FROM BUILDINGS, WINDOWS, DOORWAYS AND BARRIER WALLS.
3. REFER TO EO-16696-0 FOR PAD CLEARANCE FROM PLANTS.
4. INSTALL GROUND RODS IN ACCORDANCE WITH EO-12818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

CONSTRUCTION SPECIFICATIONS:

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.

MATERIAL SPECIFICATIONS:

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.



SECTION B-B

REF. SPECS:

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 XFORMERS - 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-C, EO-13757-C.

1 / E800 **CON. EDISON TRANSFORMER PAD DETAIL**
SCALE: NOT TO SCALE

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Plotted By: James Sleicher
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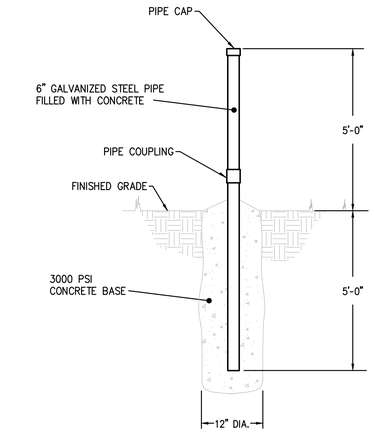
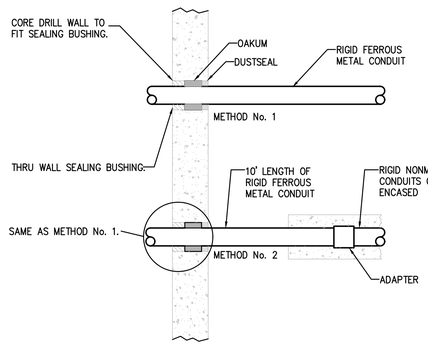


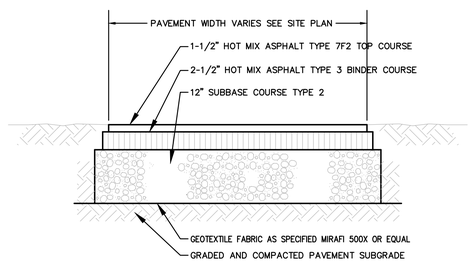
4 E801 PROTECTIVE BOLLARD DETAIL

SCALE: NOT TO SCALE



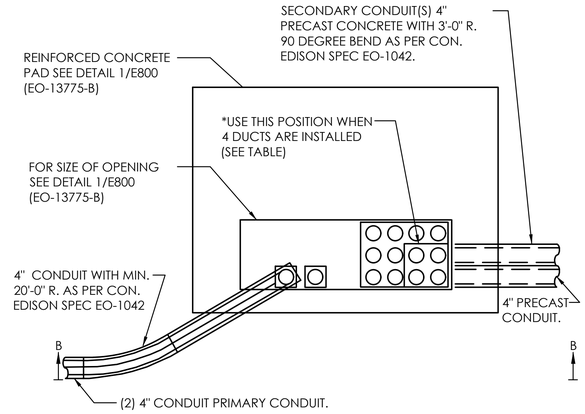
3 E801 UNDERGROUND CONDUIT ENTERING EXISTING MANHOLE VAULT WALL

SCALE: NOT TO SCALE



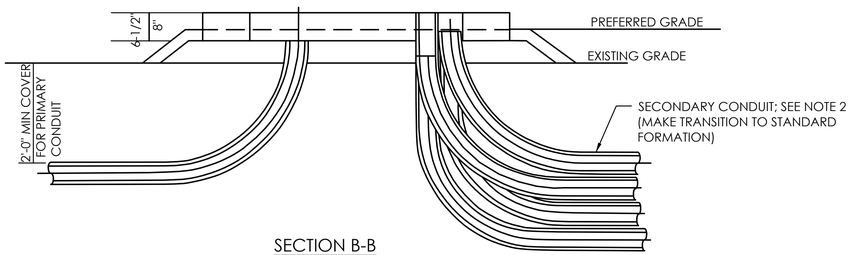
2 E801 ASPHALT PAVEMENT RESTORATION DETAIL

SCALE: NOT TO SCALE



PLAN ARRANGEMENT II

TABLE	
NO. OF SET OF CABLE	NO. OF SECONDARY OF CONDUITS
1-4	4 (2 WIDE) *
5-8	8 (2 WIDE)
9-12	12 (2 WIDE)



SECTION B-B

NOTES:

1. 4" OR 5" CONDUITS ARE REQUIRED FOR PRIMARY CABLES, APPROPRIATE CONDUIT SIZE WILL BE DETERMINED BY REGIONAL ENGINEER BASED ON FIELD CONDITIONS.
2. QUANTITY AND ARRANGEMENT OF SECONDARY CONDUITS AND CABLES SHALL BE IN ACCORDANCE WITH JOB LAYOUT. REFER TO TABLE ABOVE AND EO-6229 FOR CONDUIT ARRANGEMENTS.
3. PRIMARY CONDUIT(S) SHALL BE CENTERED WITHIN REMAINING SPACE AFTER SECONDARY CONDUITS ARE INSTALLED. CONDUITS SHALL NOT PROTRUDE BEYOND TOP OF CONCRETE PAD.
4. INSTALL PADS IN BEST DRAINAGE POSITION IN RESPECT TO TERRAIN. PAD SHALL BE INSTALLED ABOVE 3/4" CLEAN WELL -COMPACTED CRUSHED STONE.
5. PRECAST CONCRETE CONDUIT SHALL CONFORM TO EO-1042 REQUIREMENTS. REFER TO EO-8007 FOR INSTALLATION INSTRUCTIONS FOR CONCRETE CONDUITS.
6. REFER TO EO-3036 FOR INSTALLATION OF HDPE CONDUITS.
7. AFTER TRANSFORMER IS INSTALLED, FILL ANY EXPOSED SECTIONS OF THE PAD WITH CLASS II CONCRETE.
8. REFER TO EO-12181-B FOR GROUNDING INSTRUCTIONS FOR PAD MOUNTED EQUIPMENT.

SPECIFICATIONS:

1. PRECAST CONCRETE CONDUIT - EO-1042.
2. REQUIREMENTS FOR THE INSTALLATION OF SINGLE AND THREE PHASE TRANSFORMERS - EO-6229.
3. CONCRETE PAD FOR THREE PHASE PADMOUNTED TRANSFORMER - EO-13775-B.
4. PRECAST CONCRETE CONDUIT BENDS, THICK MALE ENDS - EO-9489-C.
5. GROUNDING FOR PADMOUNTED TRANSFORMER AND SWITCHES - EO-12181-B.

1 E801 CON. EDISON CONDUIT & PAD (THREE PHASE) INSTALLATION DETAIL (EO-12482-B)

SCALE: NOT TO SCALE

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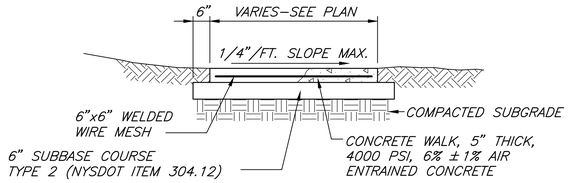
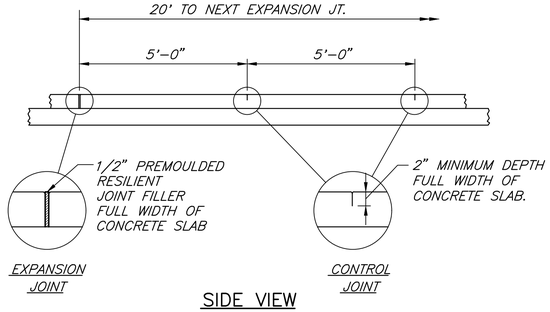


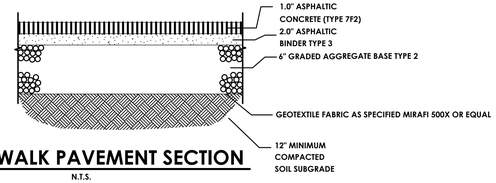
CROSS–SECTIONAL VIEW



SIDE VIEW

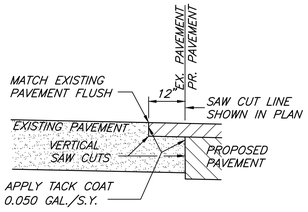
CONCRETE SIDEWALK DETAIL

N.T.S.

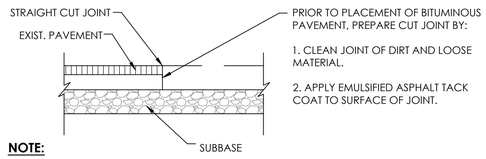


ASPHALT WALK PAVEMENT SECTION

N.T.S.



PAVEMENT JOINT DETAIL



NOTE:

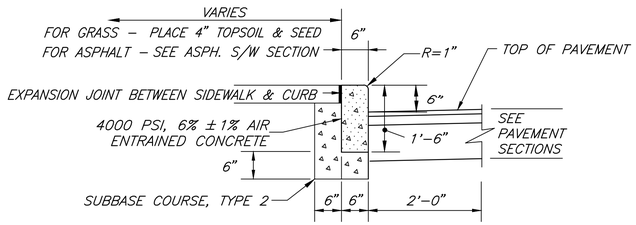
1. NYSDOT ITEM NO. 418.7603, ASPHALT PAVEMENT JOINT SEALANT, SHALL BE APPLIED TO ALL JOINTS IN THE TOP COURSE OF ASPHALT.

TYPICAL SAW CUT DETAIL

N.T.S.

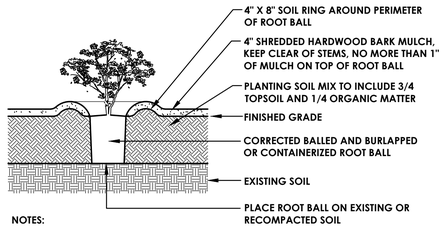
CONCRETE CURB EXPANSION/CONTRACTION JOINTS:

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



CONCRETE CURB DETAIL

N.T.S.



NOTES:

1. 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.

2. 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.

3. 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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JAS	JAS

Drawing Title
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Drawing Number
PMS
E802

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	AC2/1, 3	2	PMS E200
4	SSI-4	OT/PT 112	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/1, 3	2	PMS E200
5	SSI-5	HOME SKILLS 109A	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	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	AC2/2, 4	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	OFFICE 255	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2	PMS E201
15	SSI-15	CLASSROOM 219	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2, 3	PMS E201
16	SSI-16	CLASSROOM 218	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2, 3	PMS E201
17	SSI-17	CLASSROOM 217	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/5, 7	2, 3	PMS E201
18	SSI-18	CLASSROOM 216	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/5, 7	2, 3	PMS E201
19	SSI-19	CLASSROOM 220	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/2, 4	2	PMS E201
20	SSI-20	NURSE'S OFFICE 247	-	208	1	0.76A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/2, 4	2	PMS E201
21	SSI-21	CLASSROOM 215	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/10, 12	2, 3	PMS E201
22	SSI-22	CLASSROOM 214	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/10, 12	2, 3	PMS E201
23	SSI-23	CLASSROOM 213	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/13, 15	2, 3	PMS E201
24	SSI-24	ART ROOM 212	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/13, 15	2, 3	PMS E201
25	SSI-25	RESOURCE 211	-	208	1	0.51A	15A/2P	-(2) #12, #12G IN 3/4"C	AC3/1, 3	2	PMS E201
26	SSI-26	SCIENCE 210	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/2, 4	2, 3	PMS E201
27	SSI-27	SCIENCE 209	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/2, 4	2, 3	PMS E201
28	SSI-28	PSYCH 242	-	208	1	0.51A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2	PMS E201
29	SSI-29	CLASSROOM 221	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2, 3	PMS E201
30	SSI-30	CLASSROOM 222	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2, 3	PMS E201
31	SSI-31	CLASSROOM 223	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/6, 8	2, 3	PMS E201
32	SSI-32	CLASSROOM 224	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/6, 8	2, 3	PMS E201
33	SSI-33	CLASSROOM 225	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/6, 8	2, 3	PMS E201
34	SSI-34	CLASSROOM 208	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2, 3	PMS E201
35	SSI-35	CLASSROOM 207	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2, 3	PMS E201
36	SSI-36	PRINCIPAL 225A	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/10, 12	2	PMS E201
37	SSI-37	CONF. 212A	-	208	1	1.10A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2	PMS E201
38	SSI-38	CLASSROOM 206	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2, 3	PMS E201
39	SSI-39	CLASSROOM 205	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/6, 8	2, 3	PMS E201
40	SSI-40	CLASSROOM 204	-	208	1	2.70A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/6, 8	2, 3	PMS E201
41	SSI-41	CLASSROOM 203	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/9, 11	2, 3	PMS E201
42	SSI-42	CLASSROOM 202	-	208	1	4.83A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/9, 11	2, 3	PMS E201
43	SSI-43	GUIDANCE 227	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/10, 12	2	PMS E201
44	SSI-44	GUIDANCE 229	-	208	1	1.40A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/10, 12	2	PMS E201

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	
45	UV-1	CLASSROOM 104	-	120	1	6.3A	15A/1P	(2) #12, #12G IN 3/4"C	AC2/9	3	PMS E200
46	UV-2	CLASSROOM 201	-	120	1	6.3A	15A/1P	(2) #12, #12G IN 3/4"C	AC3/41	3	PMS E201
47	UV-3	CLASSROOM 200	-	120	1	6.3A	15A/1P	(2) #12, #12G IN 3/4"C	AC3/41	3	PMS E201
48	DOAS-1	ROOF	-	208	3	176.4A	225A/3P	REFER TO DRAWING E001		1, 4	PMS E202
49	DOAS-2	ROOF	-	208	3	173.2A	200A/3P	REFER TO DRAWING E001		1, 4	PMS E202
50	DOAS-3	ROOF	-	208	3	160.8A	200A/3P	REFER TO DRAWING E001		1, 4	PMS E202
51A	SSO-1 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10G IN 1"C	AC4/14, 16, 18	1	PMS E202
51B	SSO-1 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC4/20, 22, 24	1	PMS E202
52A	SSO-2 (PRIMARY)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC4/26, 28, 30	1	PMS E202
52B	SSO-2 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC4/32, 34, 36	1	PMS E202
52C	SSO-2 (SECONDARY2)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC4/38, 40, 42	1	PMS E202
53A	SSO-3 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10G IN 1"C	AC4/17, 19, 21	1	PMS E202
53B	SSO-3 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC4/23, 25, 27	1	PMS E202
54A	SSO-4 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10G IN 3/4"C	AC3/14, 16, 18	1	PMS E202
54B	SSO-4 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC3/20, 22, 24	1	PMS E202
55A	SSO-5 (PRIMARY)	ROOF	-	208	3	50A	60A/3P	(3) #6, #10G IN 1"C	AC3/35, 37, 39	1	PMS E202
55B	SSO-5 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC3/38, 40, 42	1	PMS E202
56A	SSO-6 (PRIMARY)	ROOF	-	208	3	41A	50A/3P	(3) #4, #8G IN 1"C	AC4/29, 31, 33	1	PMS E202
56B	SSO-6 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #4, #8G IN 1"C	AC4/35, 37, 39	1	PMS E202
57	SSO-7	ROOF	-	208	1	29.7A	30A/2P	(2) #6, #8G IN 1"C	AC3/25, 27	1	PMS E202
58	SSO-8	ROOF	-	208	3	50A	60A/3P	(3) #4, #8G IN 1"C	AC3/29, 31, 33	1	PMS E202
59A	SSO-9 (PRIMARY)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC3/13, 15, 17	1	PMS E202
59B	SSO-9 (SECONDARY1)	ROOF	-	208	3	41A	50A/3P	(3) #8, #10G IN 3/4"C	AC3/19, 21, 23	1	PMS E202
60	ACCU-1	ROOF	-	208	1	33A	50A/2P	(2) #8, #10G IN 3/4"C	AC3/32, 34	1	PMS E202
61	ACCU-2	ROOF	-	208	1	33A	50A/2P	(2) #8, #10G IN 3/4"C	AC3/26, 28	1	PMS E202
62	ACCU-3	ROOF	-	208	1	33A	50A/2P	(2) #8, #10G IN 3/4"C	AC3/44, 46	1	PMS E202
63	VRF RB UNIT	CORRIDOR 152	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/1, 3	2	PMS-E200
64	VRF RB UNIT	CORRIDOR 152	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS-E200
65	VRF RB UNIT	CORRIDOR 136	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/5, 7	2	PMS-E200
66	VRF RB UNIT	CORRIDOR 116	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC2/2, 4	2	PMS-E200
67	VRF RB UNIT	CORRIDOR 250	-	208	1	0.25A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2	PMS-E201
68	VRF RB UNIT	CORRIDOR 250	-	208	1	2.62A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/1, 3	2	PMS-E201
69	VRF RB UNIT	CORRIDOR 250	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC4/9, 11	2	PMS-E201
70	VRF RB UNIT	ART STORAGE 221A	-	208	1	2.62A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/1, 3	2	PMS-E201
71	VRF RB UNIT	STORAGE 203	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/1, 3	2	PMS-E201
72	VRF RB UNIT	CORRIDOR 200A	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/5, 7	2	PMS-E201
73	VRF RB UNIT	CORRIDOR 200A	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/9, 11	2	PMS-E201
74	VRF RB UNIT	STORAGE 227A	-	208	1	1A	15A/2P	(2) #12, #12G IN 3/4"C	AC3/10, 12	2	PMS-E201
75	EF-1	ROOF (CLASSRM 200 & 201)	-	120	1	3.8A	15A/1P	(2) #12, #12G IN 3/4"C	AC3/43	1	PMS-E202
76	EF-2	CLASSROOM 104	-	120	1	4.1A	15A/1P	(2) #12, #12G IN 3/4"C	AC2/6	1	PMS-E200

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 PMS 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	LCAT24-935LWG-ED1U	UNV	3800	36	3500K	
A EM	2X4 LED RECESSED CURVE CENTER RIB DIRECT FIXTURE WITH EMERGENCY BATTERY BACKUP	COLUMBIA LIGHTING	LCAT24-935LWG-ED1U-ELL14ST	UNV	3800	36	3500K	

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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
■ 66-08-01-03-0-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued	Scale
12/16/22	AS INDICATED

Project Status
BID SUBMISSION

Drawn By	Checked By
MAY	JAS

Drawing Title
ELECTRICAL SCHEDULES

Drawing Number
PMS
E900

Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\E9\E900.dwg
Date last accessed: 12/14/2022 11:51 AM
Date last plotted: 12/14/2022 3:03 PM
Plotted By: James Sleicher

PANEL: SDP-C

LOCATION: MECHANICAL 104A
VOLTAGE: 120/208V
FED FROM: SDP-A
MOUNTING: SURFACE
EQUIPMENT SHORT CIRCUIT RATING: 45K AIC
MAX AVAIL SHORT CIRCUIT CURRENT: -
MAIN CIRCUIT BREAKER: MLO
MAIN BUS: 800A

	LOCATION	P	AMP	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ		LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	AMP	P	LOCATION	
1	AC2	3	50	1.86				37.95						
					1.70				37.78		400	3	AC4	2
						1.46				38.71				
3	AC3	3	400	43.78										
					43.6						225	3	SPACE & BUS	4
						33.52								
5	SPACE & BUS	3	225								225	3	SPACE & BUS	6
9	SPACE & BUS	3	225								225	3	SPACE & BUS	10
	TOTAL LOAD			45.64	45.30	34.98		37.95	37.78	38.71				

PROVIDE POWER DISTRIBUTION PANEL, SQUARE D I-LINE OR APPROVED EQUAL.

PANEL: AC3

LOCATION: DATA CLOSET #3 205A
VOLTAGE: 120/208V
FED FROM: SDP-C
MOUNTING: SURFACE
EQUIPMENT SHORT CIRCUIT RATING: 22K AIC
MAX AVAIL SHORT CIRCUIT CURRENT: -
MAIN CIRCUIT BREAKER: MLO
MAIN BUS: 400A

	LOCATION	P	AMP	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ		LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	AMP	P	LOCATION	
1	SSI-25 (RESOURCE 211)	2	15	0.19				0.75						
3					0.19				0.75		15	2	SSI-26 & 27 (SCIENCE RMS. 210 & 209)	4
5	SSI-34, 35, 37 & 38 (RMS. 208,207,212A &206)	2	15			0.72				0.42				
7				0.72				0.42			15	2	SSI-39 & 40 (CLASSRMS. 205 & 204)	8
9	SSI-41 & 42 (CLASSRMS. 203 & 202)	2	15		1.50				0.19					
11						1.50				0.19	15	2	SSI-36, 43 & 44 (PRINCIPAL 225A, GUID. 227 & 229)	12
13	SSO-9 (PRIMARY)	3	50	3.70				4.50						14
15					3.70				4.50		60	3	SSO-4 (PRIMARY)	16
17						3.70				4.50				18
19	SSO-9 (SECONDARY1)	3	50	3.70				3.70						20
21					3.70				3.70		50	3	SSO-4 (SECONDARY1)	22
23						3.70				3.70				24
25	SSO-7	2	30	2.32				3.45						26
27					2.32				3.45		50	2	ACCU-2	28
29	SSO-8	3	60			4.50				1.2	20	1	ROOF SSO GFI RECEPTACLES	30
31				4.50				3.45						32
33					4.50				3.45		50	2	ACCU-1	34
35						4.50					20	1	SPARE	36
37	SSO-5 (PRIMARY)	3	60	4.50				3.70						38
39					4.50				3.70		50	3	SSO-5 (SECONDARY1)	40
41	UV-2 (CLASSRM. 201) & UV-3 (CLASSRM 200)	1	20			1.20				3.70				42
43	EF-1	1	15	0.73				3.45						44
45	SPARE	1	20						3.45		50	2	ACCU-3	46
47	SPARE	1	20								20	1	SPARE	48
49	SPACE & BUS										20	1	SPACE & BUS	50
51	SPACE & BUS												SPACE & BUS	52
53	SPACE & BUS												SPACE & BUS	54
	TOTAL LOAD			20.36	20.41	19.82		23.42	23.19	13.70				

PANEL: AC2

LOCATION: STAGE 101C
VOLTAGE: 120/208V
FED FROM: PANEL AC1
MOUNTING: SURFACE
EQUIPMENT SHORT CIRCUIT RATING: 22K AIC
MAX AVAIL SHORT CIRCUIT CURRENT: -
MAIN CIRCUIT BREAKER: MCB
MAIN BUS: 50A

	LOCATION	P	AMP	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ		LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	AMP	P	LOCATION	
1	SSI-1, 2, 3 & 4 (RMS. 115, 114, RESOURCE & OT/PT)	2	15	0.78				0.34						
3					0.78				0.34		15	2	SSI-5, 11, 13, 12 &10 (RMS. 109A, 109B, 108 & 110)	4
5	SSI-6, 7, 8 & 9 (CLASSRMS. 118, 117, 116 & 111)	2	15			0.74				0.72	15	1	EF-2 (CORRIDOR 160)	6
7				0.74							20	1	SPARE	8
9	UV-1 (CLASSRM. 104)	1	15		0.60						20	1	SPARE	10
11	SPARE	1	20								20	1	SPARE	12
13	SPARE	1	20								20	1	SPARE	14
15	SPARE	1	20								20	1	SPARE	16
17	SPARE	1	20										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	1.38	0.74		0.34	0.34	0.72				

PANEL: AC4

LOCATION: COMPUTER LAB 220
VOLTAGE: 120/208V
FED FROM: SDP-C
MOUNTING: SURFACE
EQUIPMENT SHORT CIRCUIT RATING: 22K AIC
MAX AVAIL SHORT CIRCUIT CURRENT: -
MAIN CIRCUIT BREAKER: MLO
MAIN BUS: 400A

	LOCATION	P	AMP	LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ		LOAD-KVA AØ	LOAD-KVA BØ	LOAD-KVA CØ	AMP	P	LOCATION	
1	SSI-14, 15 & 16 (CLASSRMS. 218, 219 & 255)	2	15	0.63				0.44						
3					0.63				0.44		15	2	SSI-19 & 20 (RM. 220 & NURSE 247)	4
5	SSI-17 & 18 (CLASSRMS. 216 & 217)	2	15			0.59				0.80				
7				0.59				0.80			15	2	SSI-31, 32 & 33 (CLASSRMS. 223, 224 & 225)	8
9	SSI-28, 29 & 30 (PSYCH 242, CLASSRMS. 221 & 222)	2	15		0.63				0.59					
11						0.63				0.59	15	2	SSI-21 & 22 (CLASSRMS. 215 & 214)	12
13	SSI-23 & 24 (CLASSRMS. 213 & 212)	2	15	0.59				4.50						14
15					0.59				4.50		60	3	SSO-1 (PRIMARY)	16
17						4.50				4.50				18
19	SSO-3 (PRIMARY)	3	60	4.50				3.70						20
21					4.50				3.70		50	3	SSO-1 (SECONDARY1)	22
23						3.70				3.70				24
25	SSO-3 (SECONDARY1)	3	50	3.70				3.70						26
27					3.70				3.70		50	3	SSO-2 (PRIMARY)	28
29						3.70				3.70				30
31	SSO-6 (PRIMARY)	3	50	3.70				3.70						32
33					3.70				3.70		50	3	SSO-2 (SECONDARY1)	34
35						3.70				3.70				36
37	SSO-6 (SECONDARY1)	3	50	3.70				3.70						38
39					3.70				3.70		50	3	SSO-2 (SECONDARY2)	40
41	ROOF SSO GFI RECEPTACLES	1	20			1.2				3.70				42
43	SPARE	1	20								20	1	SPARE	44
45	SPARE	1	20								20	1	SPARE	46
47	SPACE & BUS												SPACE & BUS	48
49	SPACE & BUS												SPACE & BUS	50
51	SPACE & BUS												SPACE & BUS	52
53	SPACE & BUS												SPACE & BUS	54
	TOTAL LOAD			17.41	17.45	18.02		20.54	20.33	20.69				

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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
06-08-09-010-003-025

PROJECT ISSUE & REVISION SCHEDULE

No.	Date	Description

PROFESSIONAL STAMPS

SHEET INFORMATION

Issued
12/16/22

Scale
NONE

Project Status
BID SUBMISSION

Drawn By
MAY

Checked By
JAS

Drawing Title
PANEL SCHEDULES

Drawing Number
PMS
E901

Plotted By: James Sleicher
Date last accessed: 12/14/2022 11:52 AM
Date last plotted:12/14/2022 3:04 PM
Sheet size: 24x36
Drawing Name: S:\Projects\Pleasantville UFSD\PMS HVAC\D Design\06 CAD\ACAD\ELEC\EPS\E901.dwg