

SUBMITTAL COVERSHEET Nanuet UFSD –Phase 3 Projects

Architect:

KSQ Architects
215 W 40th Street, 15th Floor
New York, NY 10018

Owner:

Nanuet Union Free School District
101 Church Street
Nanuet, NY 10954

Construction Manager:

Jacobs
One Penn Plaza, 54th floor
New York, NY 10019

Contractor: Joe Lombardo Plumbing & Heating of Rockland Inc

Contract: Ron Lombardo

Address: 321 Spook Rock Road Suite 109A

845-357-6537

Telephone:

Suffern, New York 10901

Fax: 845-357-8529

School Name: Nanuet Union Free School District Phase 3 Bond Projects @ Barr Middle School & Nanuet High School

Type of Submittal:

Re-submittal: [] No [] Yes

[] Shop Drawings

[] Product Data

[] Schedule

[] Sample

[]

[] Test Report

[] Certificate

[] Color Sample

[] Warranty

[]

Submittal Description:

SHOP DWGS MIDDLE SCHOOL PIPING / COORDINATED WITH GPS SCANNING

Product Name:

Manufacturer: ELITE

**Subcontractor/
Supplier:** ELITE

References:

Spec. Section No.: 230000

Drawing No(s):

Paragraph:

Rm. or Detail No(s):

Architect's/ Engineer's Review Stamp

SAGE ENGINEERING ASSOCIATES, LLP

☐ Reviewed

☐ Furnish as Corrected

☐ Rejected

☒ Revise and Resubmit

☐ Submit Specified Item

This review is only for general conformance with the design concept and the information given in the Construction Documents. Corrections or comments made on the shop drawings during this review do not relieve the contractor from compliance with the requirements of the plans and specifications. Review of a specific item shall not include review of an assembly of which the item is a component. The Contractor is responsible for dimensions to be confirmed and correlated at the jobsite; information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction; coordination of the Work with that of all other trades and performing all Work in a safe and satisfactory manner.

SAGE LOG NO. M-45

Date: 12/27/2023

By: S. Pierson

Contractor Review Statement:

These documents have been checked for accuracy and coordinated with job conditions and Contract requirements by this office and have been found to comply with the provisions of the Contract Documents.

Ronald J. Lombardo

12.26.23

Name:

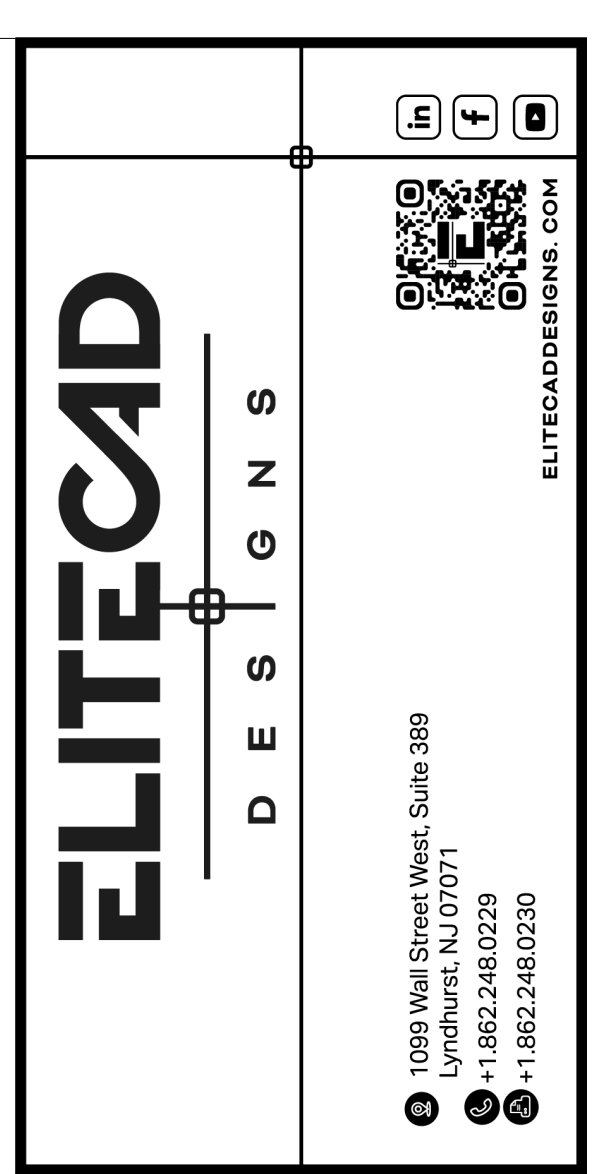
Date:

Company Name:

Joe Lombardo Plumbing & Heating of Rockland Inc.

COMMENTS:

1. Refer to comments in red on attached shop drawings.
2. Per Project Site submittal 041-0 (Sage M-26), outdoor heat pump units HP-MS-3, HP-MS-5, and HP-MS-9 switched to 1-module units instead of 2-module units with the updated Daikin model changes; therefore, the outdoor multi-connection piping kit is no needed for the refrigerant piping serving these units.
3. Provide the HW piping for Runtal radiators R-MS-1 and R-MS-2 along the exterior wall in Library 241 on the second floor with shop drawings.
4. As shown on the attached shop drawings, change the combined condensate drain line size where indicated.
5. Verify refrigerant piping mains match manufacturer's recommended piping sizes on their submitted piping diagrams based on Daikin's model change update.



DRAWING NOTES AND SYMBOLS

BUILDING ELEVATIONS:
BASEMENT = -12'-0"
FIRST FLOOR = 0'-0"
SECOND FLOOR = 12'-0"
ROOF = 23'-9 1/4"

CONDENSATE PITCHED
1/8" PER FOOT
HWS/R CONNECTIONS TO
UNIT VENTILATORS IS 1"

- 1 UTILITY COMPARTMENT
- 2 CONDENSATE PIPED TO EXTERIOR. DRAIN DOWN GRADE.
- 3 DROP TO PIPE ENCLOSURE & ROUTE TO UNIT
- 4 EXPANSION COMPENSATION

REFERENCE DRAWINGS		
TRADE	DESCRIPTION	DATE
Mech-Pipe	BIM-M11 - FIRST FLOOR PLAN - NORTHEAST	06/06/20
Mech-Design	-	-
HAZ	-	-
PLUMBING	-	-
ELECTRICAL	-	-
STRUCTURAL	-	-
Mech-Electrical	2044105 - FIRST FLOOR PLAN - NORTHEAST	06/06/20
RO	-	-

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
PIPE FITTER			
SHEET METAL			
PLUMBER			
SMITH/BLACK			
ELECTRICIAN			
MECHANICAL CONT.			
GENERAL CONT.			

COORDINATION NOTE

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ARCHITECT / ENGINEER NOTES:

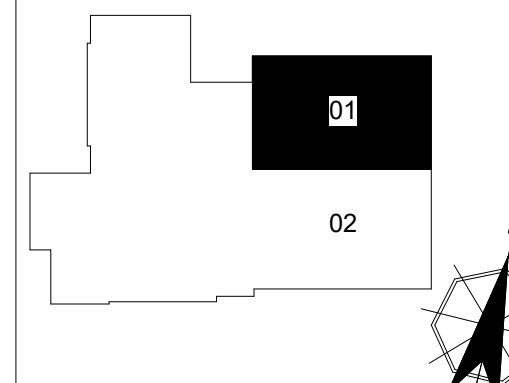
ARCHITECT / ENGINEER NOTES:

Per drawing keyed
note 12 on BM M111,
combined condensate
drain size to be 1-1/4"

FOR APPROVAL

REV	DATE	DESCRIPTION
0	12/14/2023	SUBMITTED FOR APPROVAL

KEY PLAN		



ARCH	KSQ Design		
ENG	Sage Engineering Associates		
PROJECT	Ben Middle School 50 Blaauvelt Rd #1 Nanuet, NY 12954		
TITLE	LEVEL 01 NORTHEAST		
GRP LDR	MC	MM	JJ
DATE	SCALE	DWG NO	

BUILDING ELEVATIONS:
BASEMENT = -12'-0"
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ROOF = 23'-9 1/4"

CONDENSATE PITCHED AT
1/8" PER FOOT
HWS/R CONNECTIONS TO
UNIT VENTILATORS IS 1"

- UTILITY COMPARTMENT
- CONDENSATE PIPED TO EXTERIOR. DRAIN DOWN TO GRADE.
- DROP TO PIPE ENCLOSURE & ROUTE TO UNIT
- EXPANSION COMPENSATORS

Per drawing keyed
note 14 on BM M112,
combined condensate
drain size to be 1-1/4"

TRADE	DESCRIPTION	DATE	REV
MECHANICAL	MECHANICAL PIPING FOR CONDENSATE DRAINAGE	06/01/2023	01
ELECTRICAL	ELECTRICAL		
PLUMBING	PLUMBING		
MECHANICAL	MECHANICAL		

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
ELECTRICAL			
PLUMBING			
MECHANICAL			

COORDINATION NOTE
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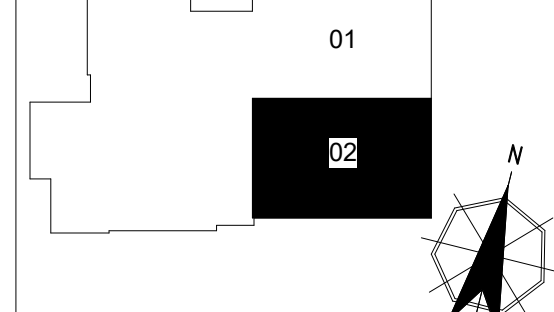
ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

VERIFY THAT LINE ABOVE IS 1" LONG. PRINT MAY HAVE BEEN REDUCED.

REV	DATE	DESCRIPTION
0	12/14/2023	SUBMITTED FOR APPROVAL

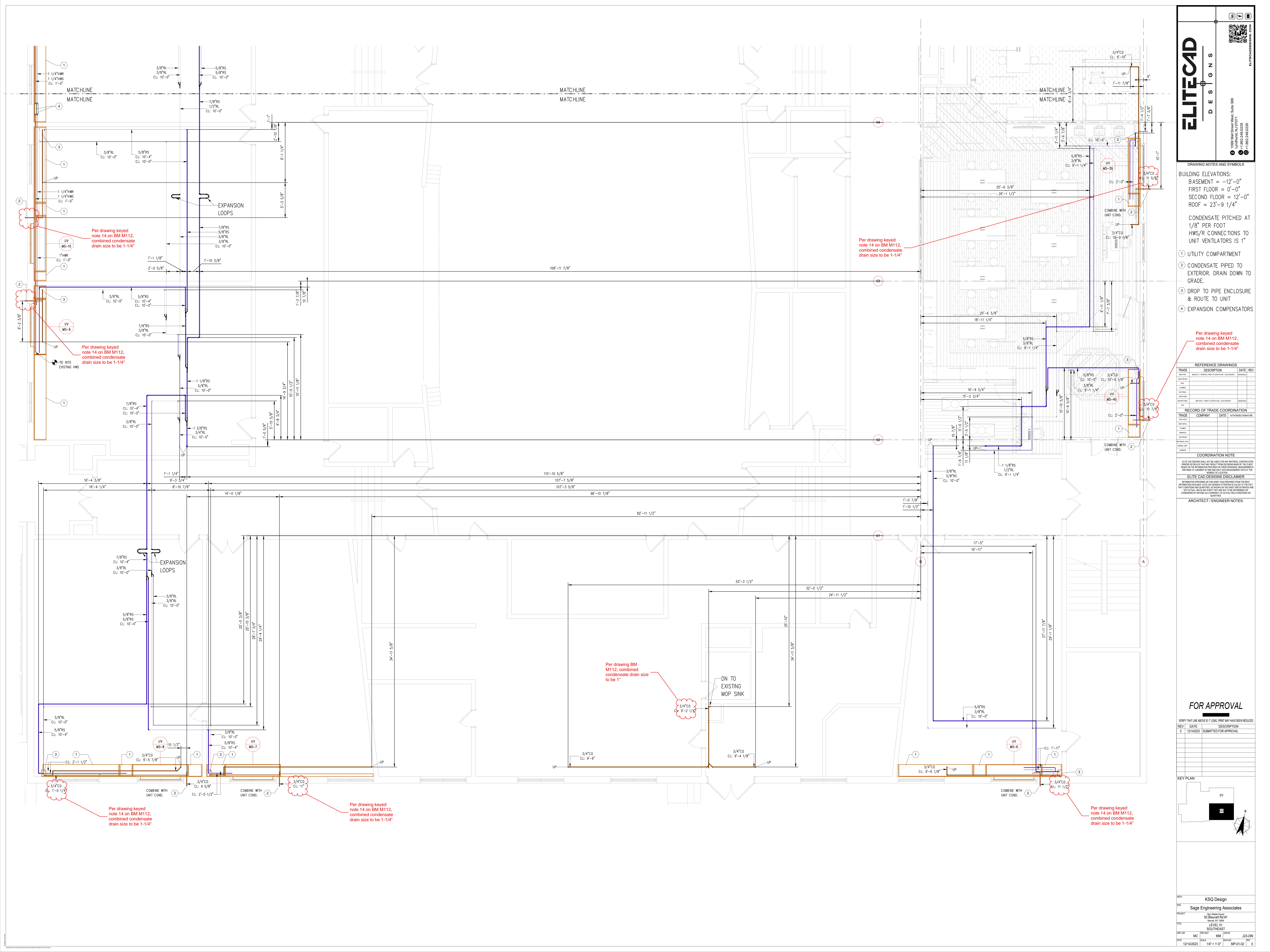
KEY PLAN



ARCH: KSO Design
ENG: Sage Engineering Associates

PROJECT: Sage Engineering Associates
50 Blawie Rd #1
Lynchburg, VA 24501
FILE: LEVEL 01
SOUTHEAST

DATE: 12/14/2023
SCALE: 1/4" = 1'-0"
DRAWN BY: MP-01-02
CHECKED BY: J23-299
DATE: 12/14/2023



DRAWING NOTES AND SYMBOLS

BUILDING ELEVATIONS:
BASEMENT = -12'-0"
FIRST FLOOR = 0'-0"
SECOND FLOOR = 12'-0"
ROOF = 23'-9 1/4"

CONDENSATE PITCHED AT 1/8" PER FOOT
HWS/R CONNECTIONS TO UNIT VENTILATORS IS 1"

① UTILITY COMPARTMENT
② CONDENSATE PIPED DN TO FIRST FLOOR
③ DROP TO PIPE ENCLOSURE & ROUTE TO UNIT
④ EXPANSION COMPENSATORS

REFERENCE DRAWINGS			
TRADE	DESCRIPTION	DATE	REV
MECHANICAL	MECHANICAL ROOM, SECOND FLOOR, NORTHWEST	11/11/2023	01
PLUMBING	PLUMBING		
ELECTRICAL	ELECTRICAL		
MECHANICAL	MECHANICAL		
MECHANICAL	MECHANICAL		

RECORD OF TRADE COORDINATION			
TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
PLUMBING			
ELECTRICAL			
MECHANICAL			
MECHANICAL			

COORDINATION NOTE

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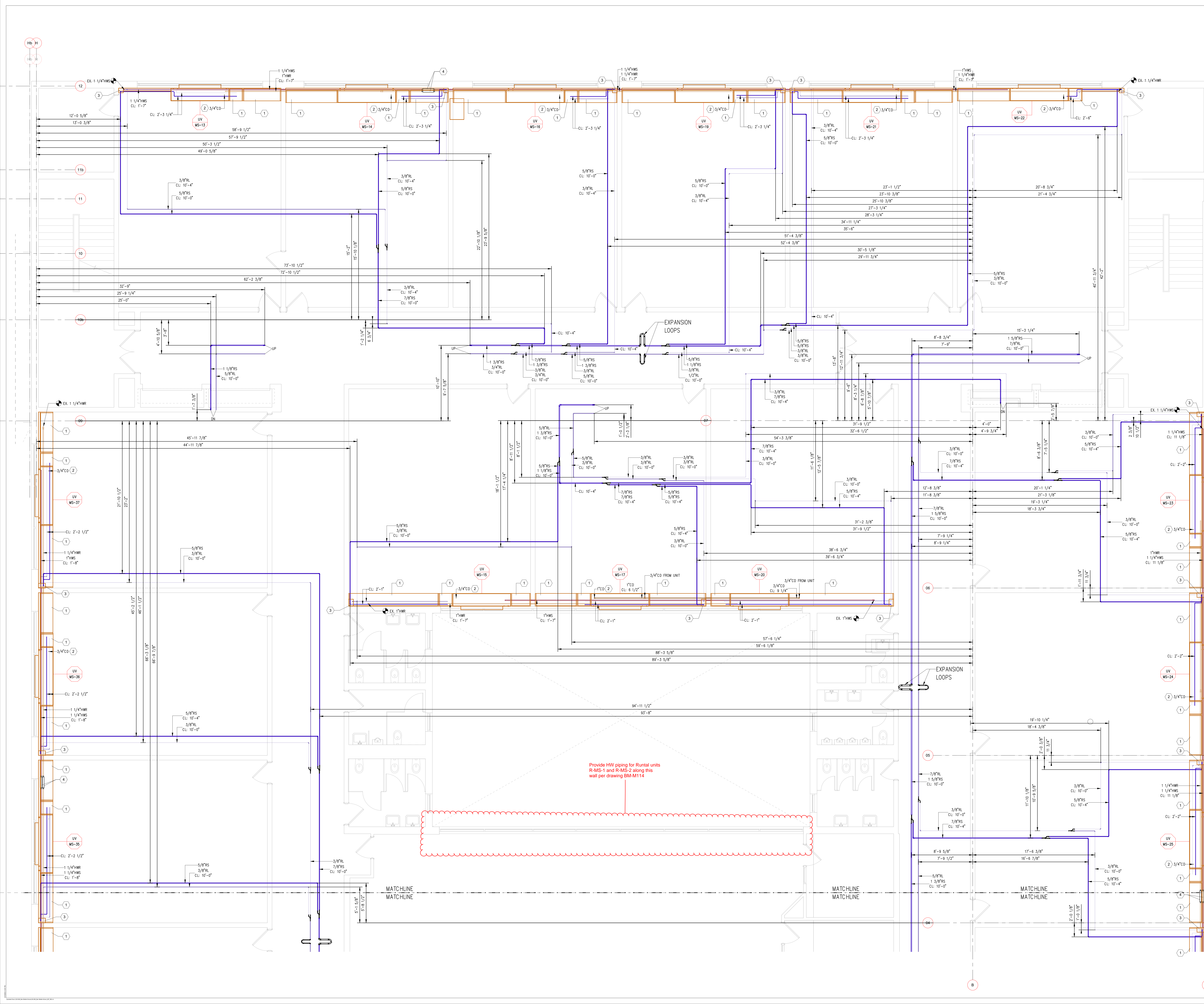
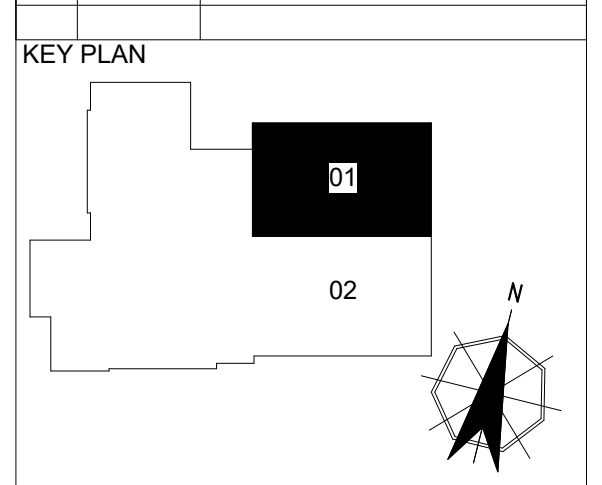
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ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

VERIFY THAT LINE ABOVE IS 1" LONG. PRINT MAY HAVE BEEN REDUCED

REV	DATE	DESCRIPTION
0	12/15/2023	SUBMITTED FOR APPROVAL



DRAWING NOTES AND SYMBOLS

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④ EXPANSION COMPENSATORS

REFERENCE DRAWINGS			
TRADE	DESCRIPTION	DATE	REV
MECHANICAL	MECHANICAL ROOMS	12/15/2023	1
PLUMBING	PLUMBING	12/15/2023	1
ELECTRICAL	ELECTRICAL	12/15/2023	1
STRUCTURAL	STRUCTURAL	12/15/2023	1
MECHANICAL	MECHANICAL	12/15/2023	1

RECORD OF TRADE COORDINATION			
TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
PLUMBING			
ELECTRICAL			
STRUCTURAL			

COORDINATION NOTE

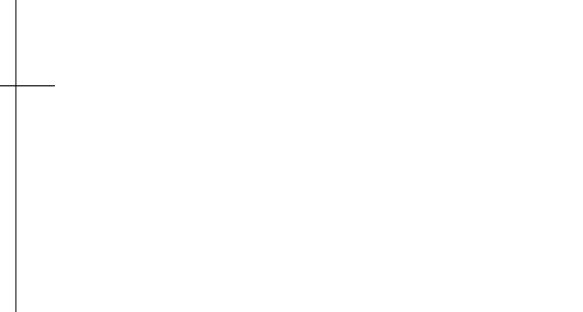
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ARCHITECT / ENGINEER NOTES:

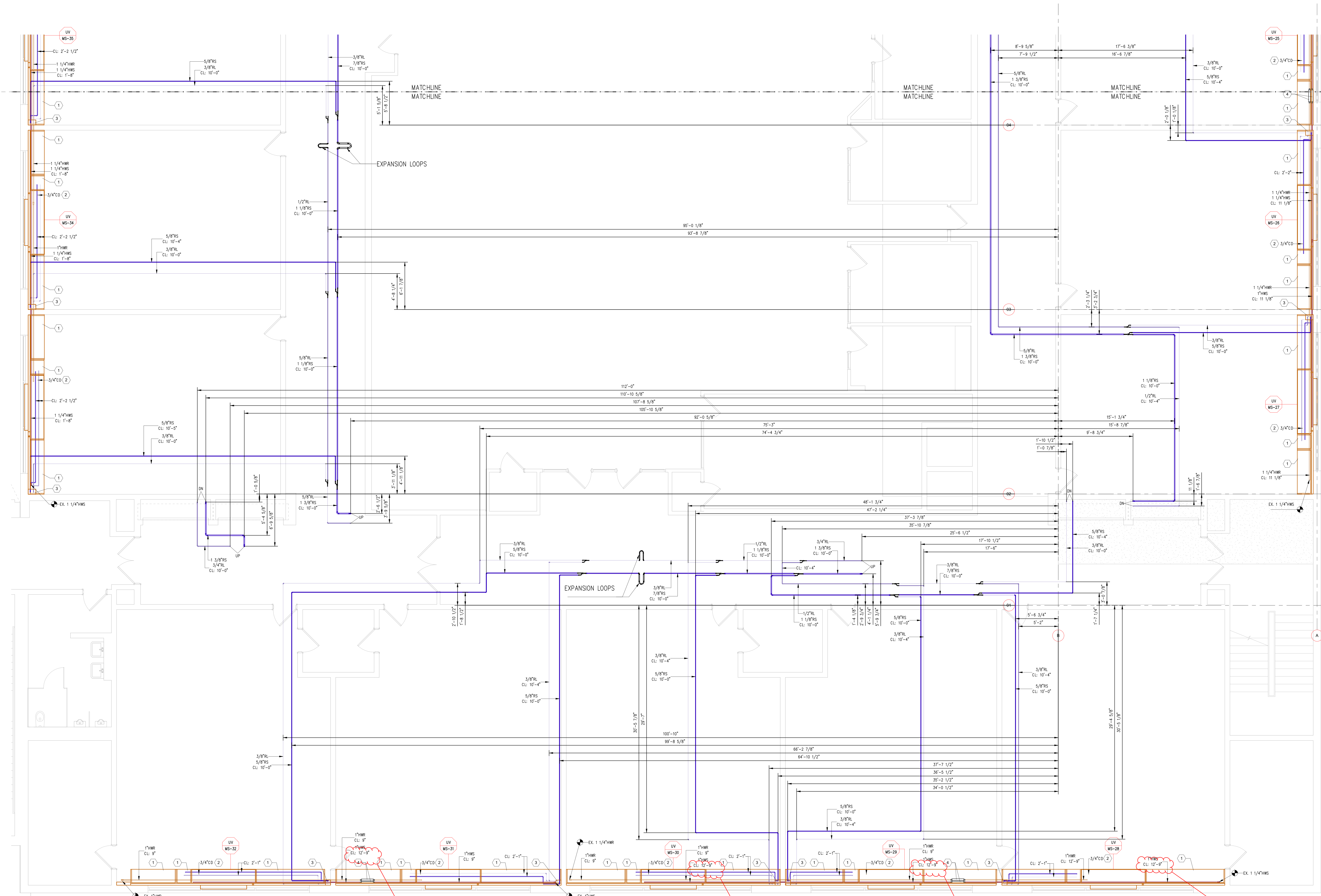
FOR APPROVAL

VERIFY THAT LINE ABOVE IS 1" LONG. PRINT MAY HAVE BEEN REDUCED.

REV	DATE	DESCRIPTION
0	12/15/2023	SUBMITTED FOR APPROVAL



ARCH: KSO Design
FIRM: Sage Engineering Associates
PROJECT: 50 Blauvelt Rd #1
SOUTH EAST
LEVEL 02
DATE: 12/15/2023
SCALE: 1/4" = 1'-0"
DWG NO: J23-299
MP-02-02

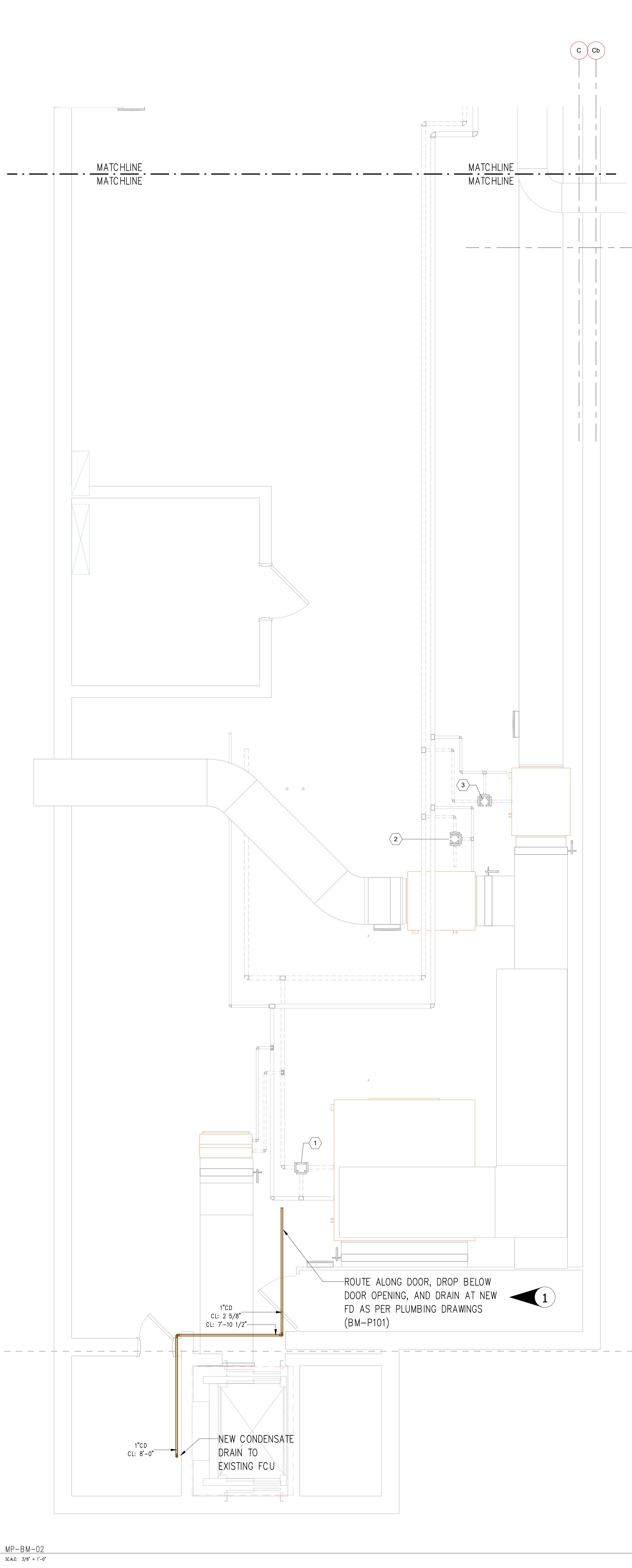


I believe this is a typo. The listed above finished floor height for the HWS piping serving the unit ventilators should be within the pipe enclosure along the wall.

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-
- MANUAL AIR VENT
- TEST PLUG (TYP.)
- UNION CONNECTIONS (TYP.)
- UNIT VENTILATOR HEATING COIL
- REDUCER, IF REQUIRED
- SHUT OFF VALVE
- HWR
- BALANCING VALVE
- 2-WAY MODULATING CONTROL VALVE
- HWS
- STRAINER WITH HOSE END BLOW OFF DRAIN VALVE
- DRAIN WITH HOSE CONNECTION

5 Unit Ventilator Detail
MP-BM SCALE: 3/8" = 1'-0"

ARCH	KSQ Design				
ENG	Sage Engineering Associates				
PROJECT	Ray Middle School 50 Blauvelt Rd #1 Nanuet, NY 10954				
TITLE	LEVEL - BASEMENT OVERALL PLAN & BUILDING DETAILS				
GROUP	MC	PROJ MGT	MM	JOB NO	J23-2
DATE	12/18/2023	SCALE	3/8" = 1'-0"	DWG NO	MP-BM

