

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-45.1

Date: 1/2/2024

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 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 FIRST FLOOR PLAN - SOUTH EAST	06/06/2023	01
ELECTRICAL			
PLUMBING			
STRUCTURAL			
MECHANICAL			

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
ELECTRICAL			
PLUMBING			
STRUCTURAL			
MECHANICAL			

COORDINATION NOTE
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ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

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REV DATE DESCRIPTION

0 12/14/2023 SUBMITTED FOR APPROVAL

KEY PLAN

01

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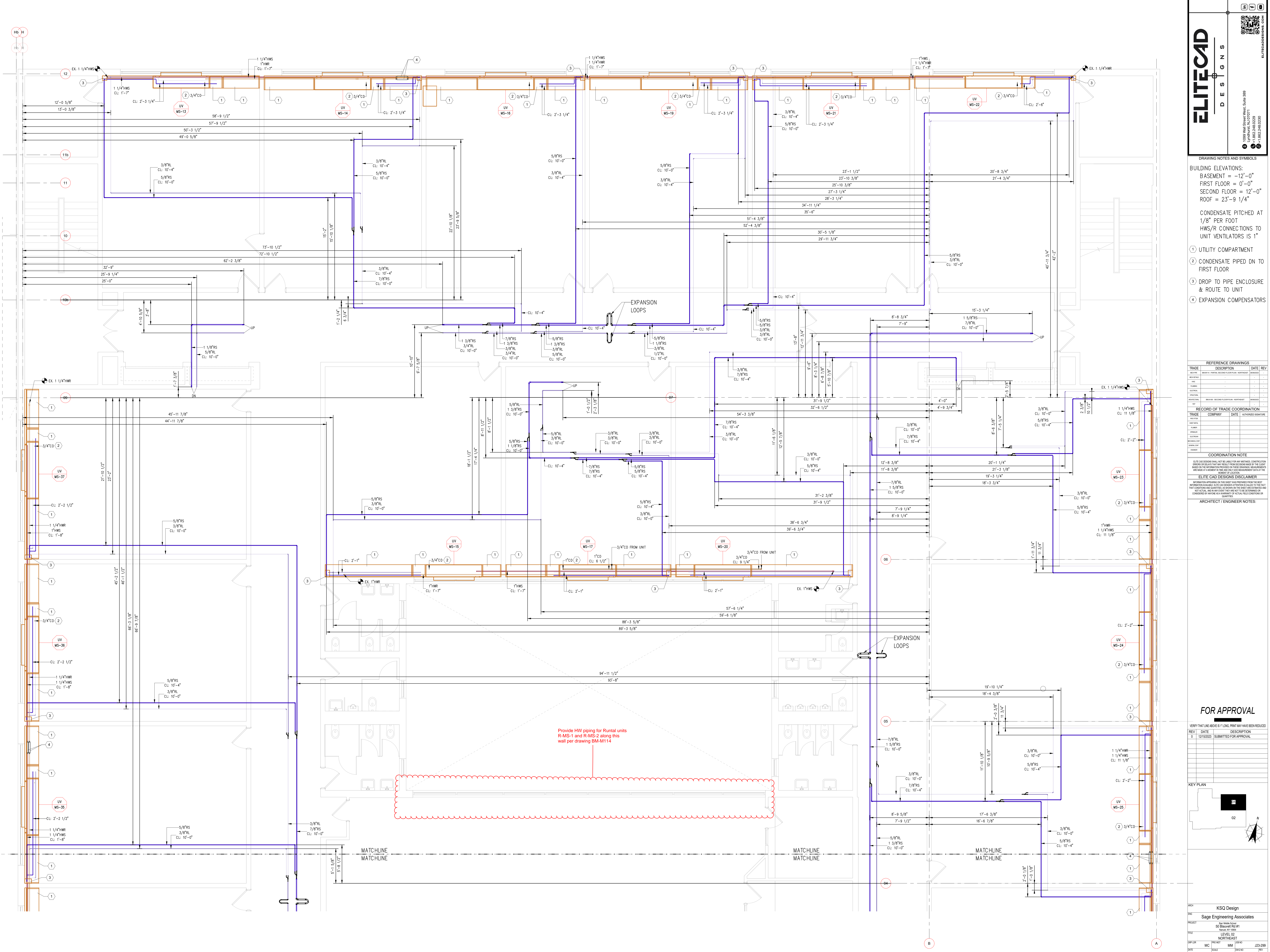
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ELITECAD

DESIGNS

1099 Wall Street West, Suite 369
Lynchburg, VA 23801
1-800-258-0290

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- UTILITY COMPARTMENT
 - CONDENSATE PIPED DN TO FIRST FLOOR
 - DROP TO PIPE ENCLOSURE & ROUTE TO UNIT
 - 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			

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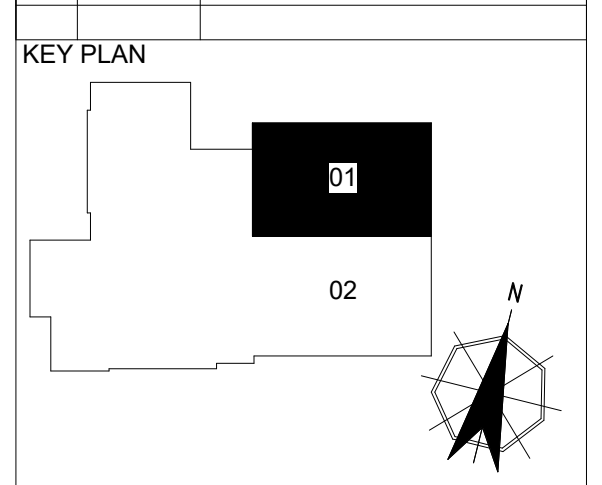
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REV	DATE	DESCRIPTION
0	12/15/2023	SUBMITTED FOR APPROVAL



ARCH	KSO Design		
ENG	Sage Engineering Associates		
PROJECT	Sage Engineering Associates 50 Blawie Rd #1 Lynchburg, VA 23801		
FILE	LEVEL 02 NORTH EAST		
DATE	12/15/2023	SCALE	1/4" = 1'-0"
DESIGN	MC	MM	J23-299
DATE	12/15/2023	SCALE	1/4" = 1'-0"

- DRAWING NOTES AND SYMBOLS
- BUILDING ELEVATIONS:
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③ DROP TO PIPE ENCLOSURE & ROUTE TO UNIT
④ EXPANSION COMPENSATORS

REFERENCE DRAWINGS

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

COORDINATION NOTE

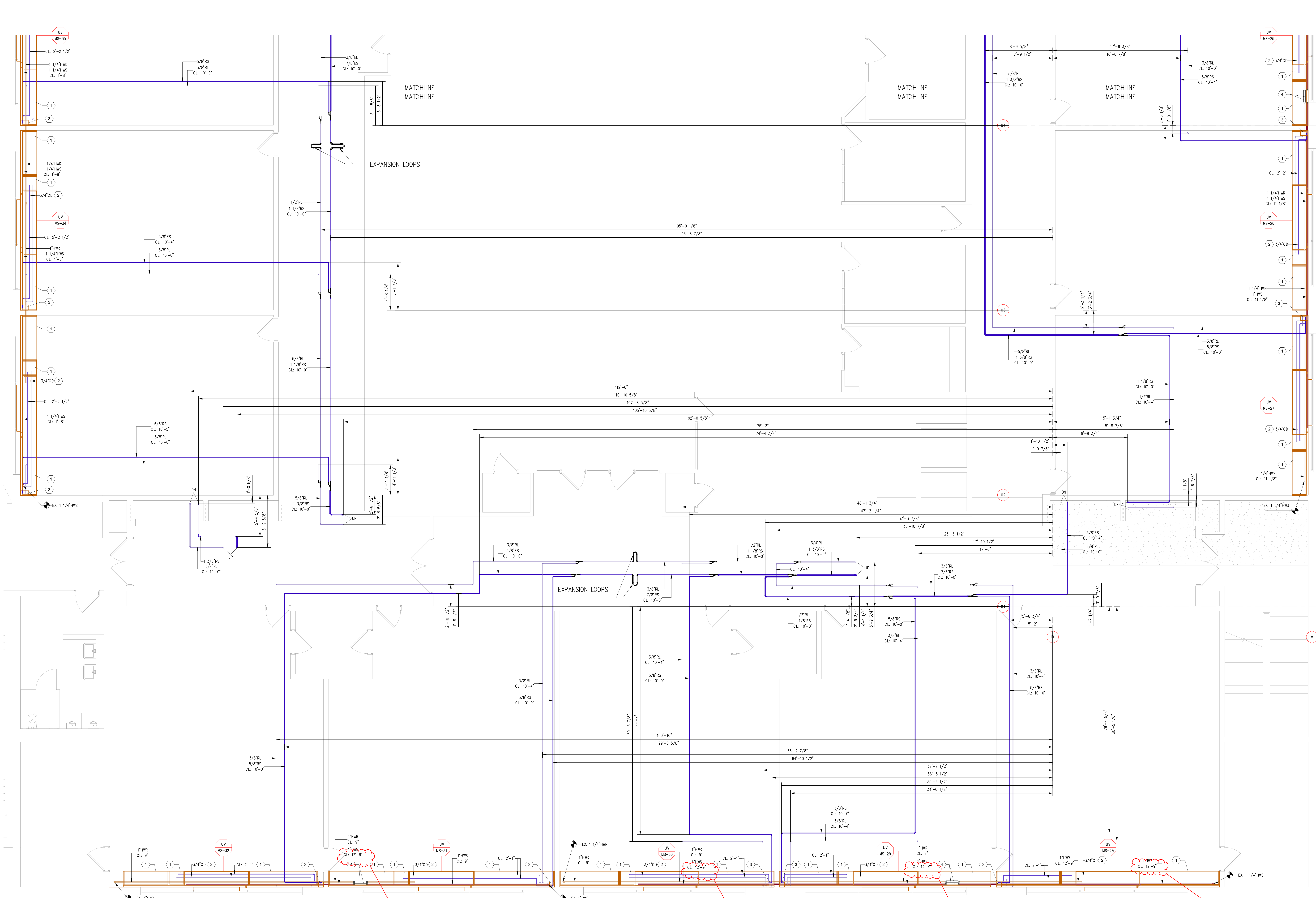
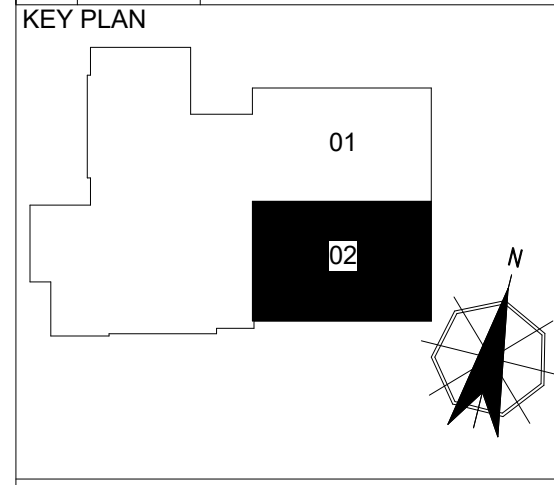
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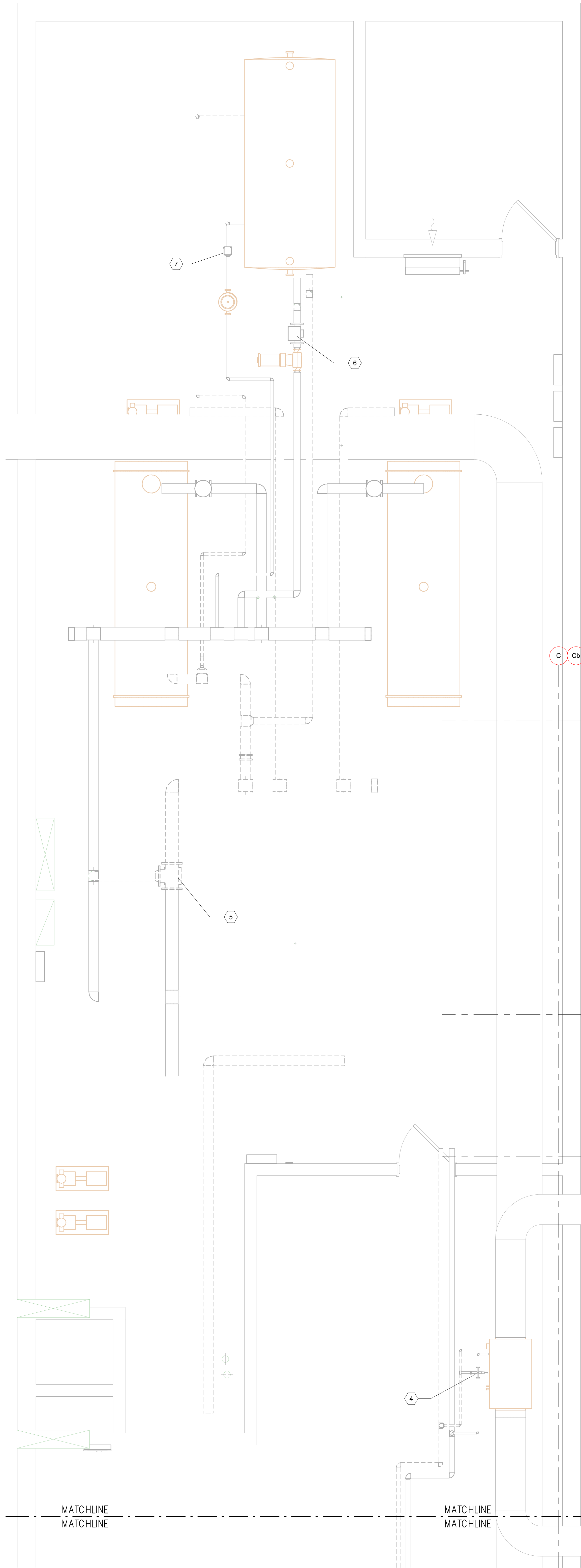


I believe this is a typo. The listed above finished floor height for the HWS piping serving the unit ventilators should be within the pipe enclosure along the wall.

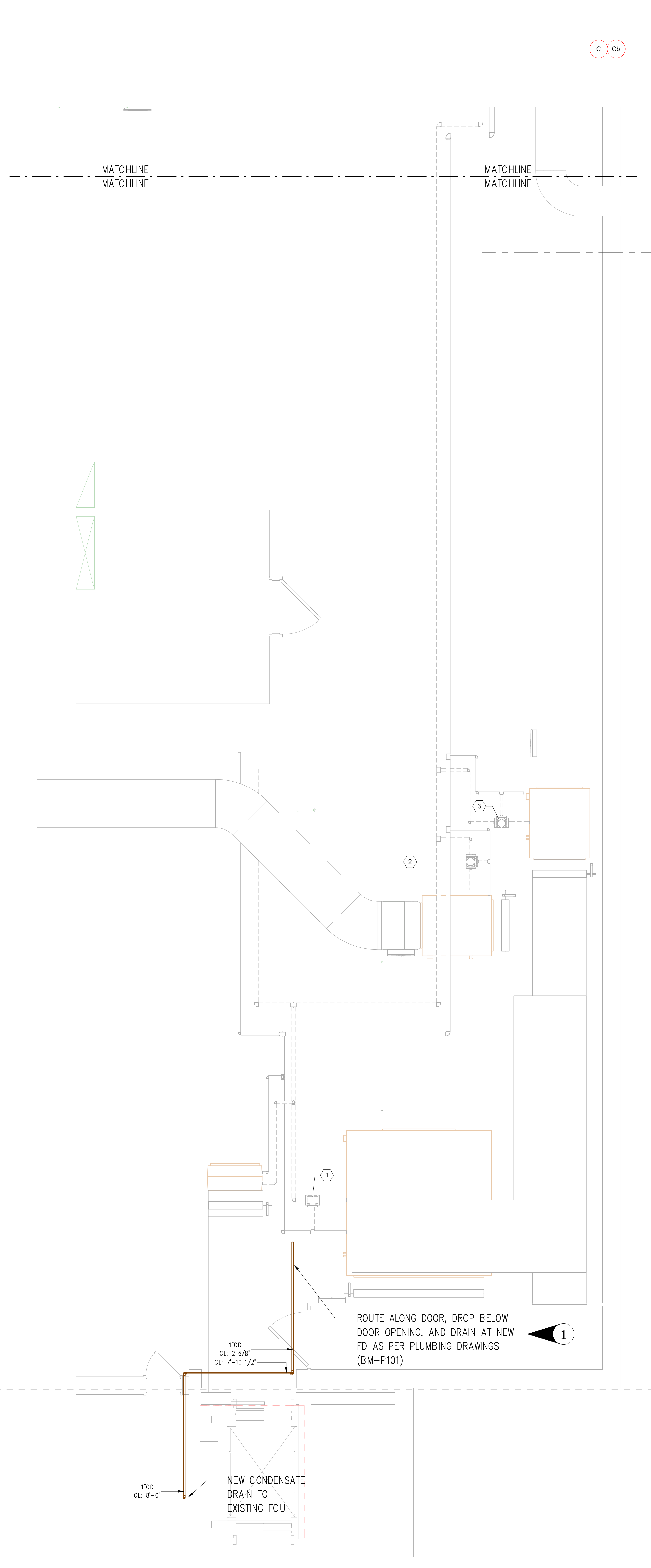
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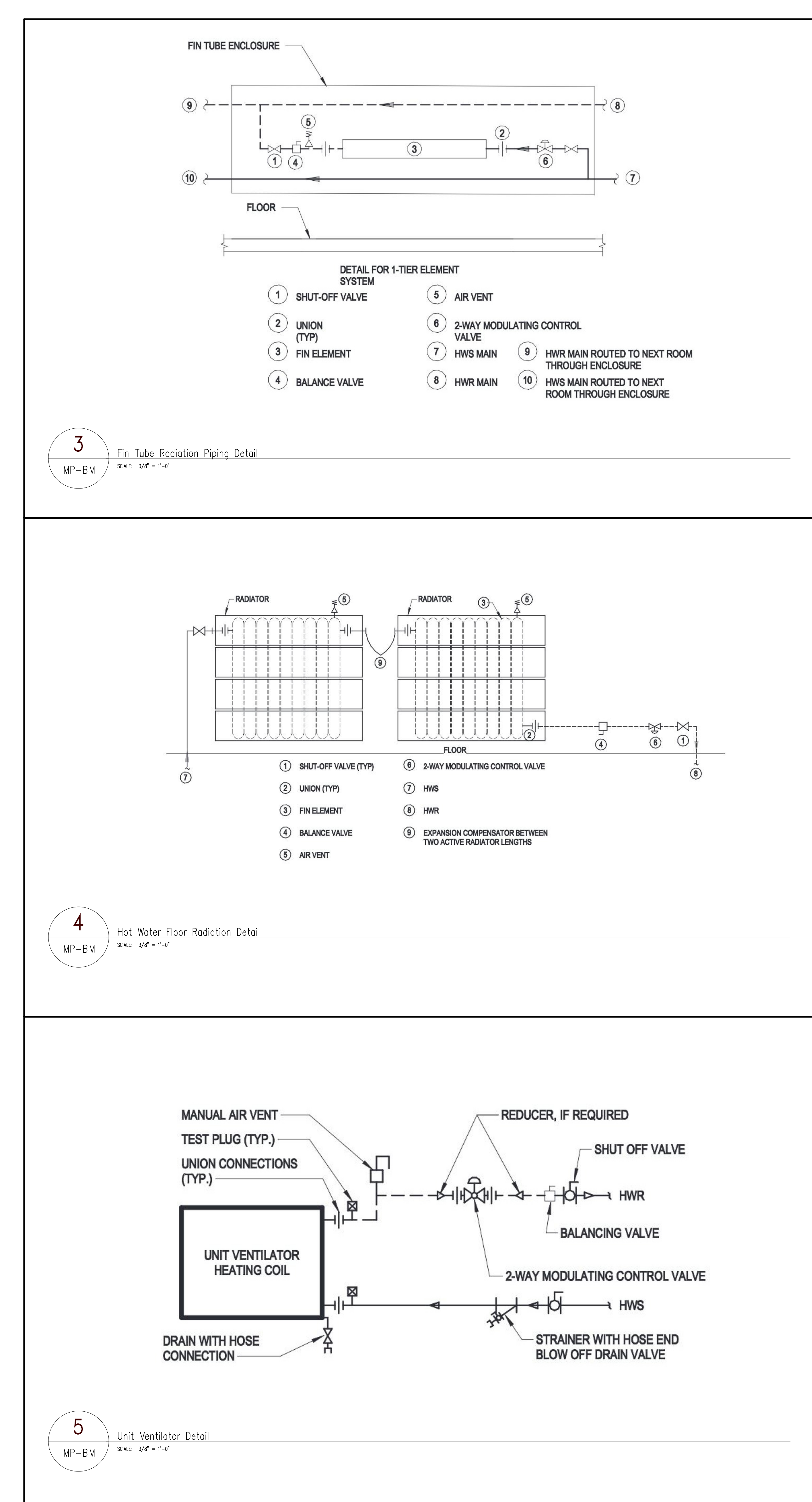
I believe this is a typo. The listed above finished floor height for the HWS piping serving the unit ventilators should be within the pipe enclosure along the wall.



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MP-BM
SCALE: 3/8" = 1'-0"



- 1 DISCONNECT AND REMOVE EXISTING AIR HANDLING UNIT S-6 3-WAY PNEUMATIC CONTROL VALVE. PROVIDE ELECTRONIC 3-WAY CONTROL VALVE.
- 2 DISCONNECT AND REMOVE EXISTING AIR HANDLING UNIT S-7 3-WAY PNEUMATIC CONTROL VALVE. PROVIDE ELECTRONIC 3-WAY CONTROL VALVE.
- 3 DISCONNECT AND REMOVE EXISTING AIR HANDLING UNIT S-8 3-WAY PNEUMATIC CONTROL VALVE. PROVIDE ELECTRONIC 3-WAY CONTROL VALVE.
- 4 DISCONNECT AND REMOVE EXISTING AIR HANDLING UNIT S-9 3-WAY PNEUMATIC CONTROL VALVE. PROVIDE ELECTRONIC 3-WAY CONTROL VALVE.
- 5 REMOVE MAIN BUILDING HEATING LOOP 3-WAY PNEUMATIC MIXING CONTROL VALVE. PROVIDE AN ELECTRONIC 3-WAY MIXING CONTROL VALVE.
- 6 DISCONNECT AND REMOVE EXISTING DOMESTIC HOT WATER STORAGE TANK 2-WAY PNEUMATIC CONTROL VALVE. PROVIDE ELECTRONIC 2-WAY CONTROL VALVE.
- 7 DISCONNECT AND REMOVE EXISTING DOMESTIC HOT WATER BOOSTER HEATER HEAT EXCHANGER 2-WAY PNEUMATIC CONTROL VALVE. PROVIDE ELECTRONIC 2-WAY CONTROL VALVE.



BUILDING ELEVATIONS:
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FIRST FLOOR = 0'-0"
SECOND FLOOR = 12'-0"
ROOF = 23'-9 1/4"
CONDENSATE PITCHED AT
1/8" PER FOOT

REFERENCE DRAWINGS			
TRADE	DESCRIPTION	DATE	REV
MECHANICAL	MECHANICAL - MECHANICAL	01/18/2023	0
PLUMBING	PLUMBING - PLUMBING	01/18/2023	0
ELECTRICAL	ELECTRICAL - ELECTRICAL	01/18/2023	0
MECHANICAL	MECHANICAL - MECHANICAL	01/18/2023	0
PLUMBING	PLUMBING - PLUMBING	01/18/2023	0
ELECTRICAL	ELECTRICAL - ELECTRICAL	01/18/2023	0
MECHANICAL	MECHANICAL - MECHANICAL	01/18/2023	0
PLUMBING	PLUMBING - PLUMBING	01/18/2023	0
ELECTRICAL	ELECTRICAL - ELECTRICAL	01/18/2023	0

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PLUMBING			
ELECTRICAL			
MECHANICAL			
PLUMBING			
ELECTRICAL			

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ARCHITECT / ENGINEER NOTES:
1 COLUMN LINES NOT PROVIDED IN THIS AREA. VERIFY IN FIELD.

FOR APPROVAL

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