

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
Suffern, New York 10901

845-357-6537
Telephone:

845-357-8529
Fax:

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

Type of Submittal:

Re-submittal: [] No [] Yes

- | | | | | |
|--|---------------------------------------|---------------------------------------|-----------------------------------|--------------------------------|
| <input type="checkbox"/> Shop Drawings | <input type="checkbox"/> Product Data | <input type="checkbox"/> Schedule | <input type="checkbox"/> Sample | <input type="checkbox"/> _____ |
| <input type="checkbox"/> Test Report | <input type="checkbox"/> Certificate | <input type="checkbox"/> Color Sample | <input type="checkbox"/> Warranty | <input type="checkbox"/> _____ |

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

<input type="checkbox"/> Reviewed	<input type="checkbox"/> Furnish as Corrected
<input type="checkbox"/> Rejected	<input checked="" type="checkbox"/> Revise and Resubmit
<input type="checkbox"/> 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 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"

REFERENCE DRAWINGS

TRADE	DESCRIPTION	DATE	REV
MECH	MECH. SYSTEMS FOR COOLING AND HEATING		
ELECTR	ELECTRICAL		
PLUMB	PLUMBING		
INDUS	INDUSTRIAL		
UP	UP		

RECORD OF TRADE COORDINATION

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECH			
ELECTR			
PLUMB			
INDUS			
UP			

COORDINATION NOTE

ELITECAD DESIGN SHALL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION ERRORS OR OMISSIONS THAT MAY RESULT FROM COORDINATION BY THE CLIENT BASED ON THE INFORMATION PROVIDED OR FROM CHANGES REQUESTED BY THE CLIENT OR ANY OTHER PARTY. THE CLIENT SHALL BE RESPONSIBLE FOR OBTAINING THE NECESSARY PERMITS AND APPROVALS FROM THE APPLICABLE AGENCIES.

ELITECAD DESIGN'S DISCLAIMER

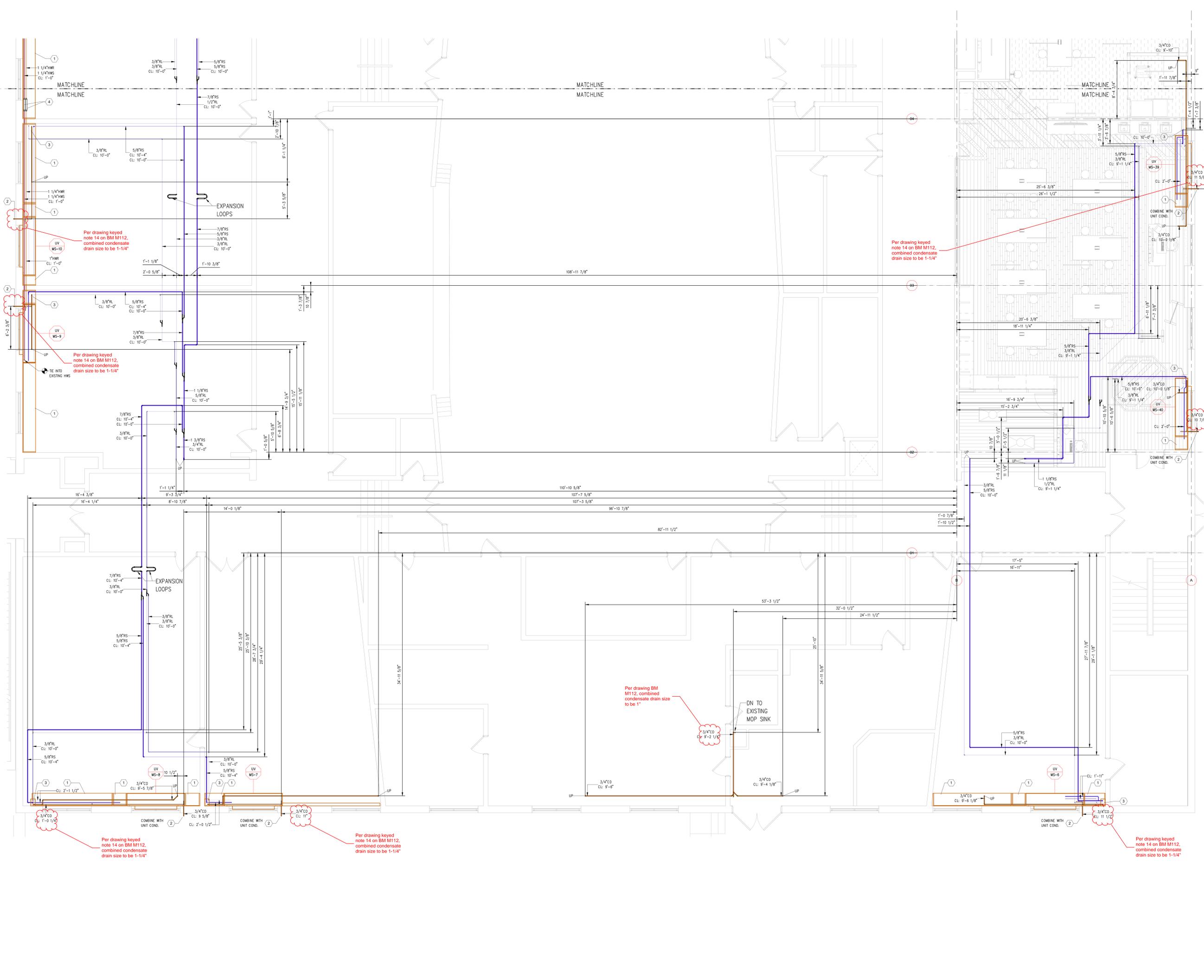
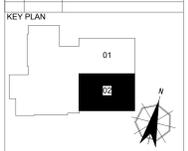
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ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

VERIFY THAT LINE ABOVE IS "LONG" PRINT THAT HAVE BEEN REDUCED

REV	DATE	DESCRIPTION
1	TCH/CDL	SUBMITTED FOR APPROVAL



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

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

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

Per drawing BM M112, combined condensate drain size to be 1"

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

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

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 CONTRACTOR WORK		
ELECTRICAL	ELECTRICAL CONTRACTOR WORK		
PLUMBING	PLUMBING CONTRACTOR WORK		
STRUCTURAL	STRUCTURAL CONTRACTOR WORK		
MECHANICAL	MECHANICAL CONTRACTOR WORK		

RECORD OF TRADE COORDINATION

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
ELECTRICAL			
PLUMBING			
STRUCTURAL			
MECHANICAL			

COORDINATION NOTE

ELITECAD DESIGN SHALL NOT BE RESPONSIBLE FOR CONTRACTOR CONSTRUCTION ERRORS OR OMISSIONS THAT MAY RESULT FROM CONSTRUCTION MADE BY THE CONTRACTOR OR THE CONTRACTOR'S SUBS. ELITECAD DESIGN SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY RESULT FROM CONSTRUCTION MADE BY THE CONTRACTOR OR THE CONTRACTOR'S SUBS.

ELITECAD DESIGN'S DISCLAIMER

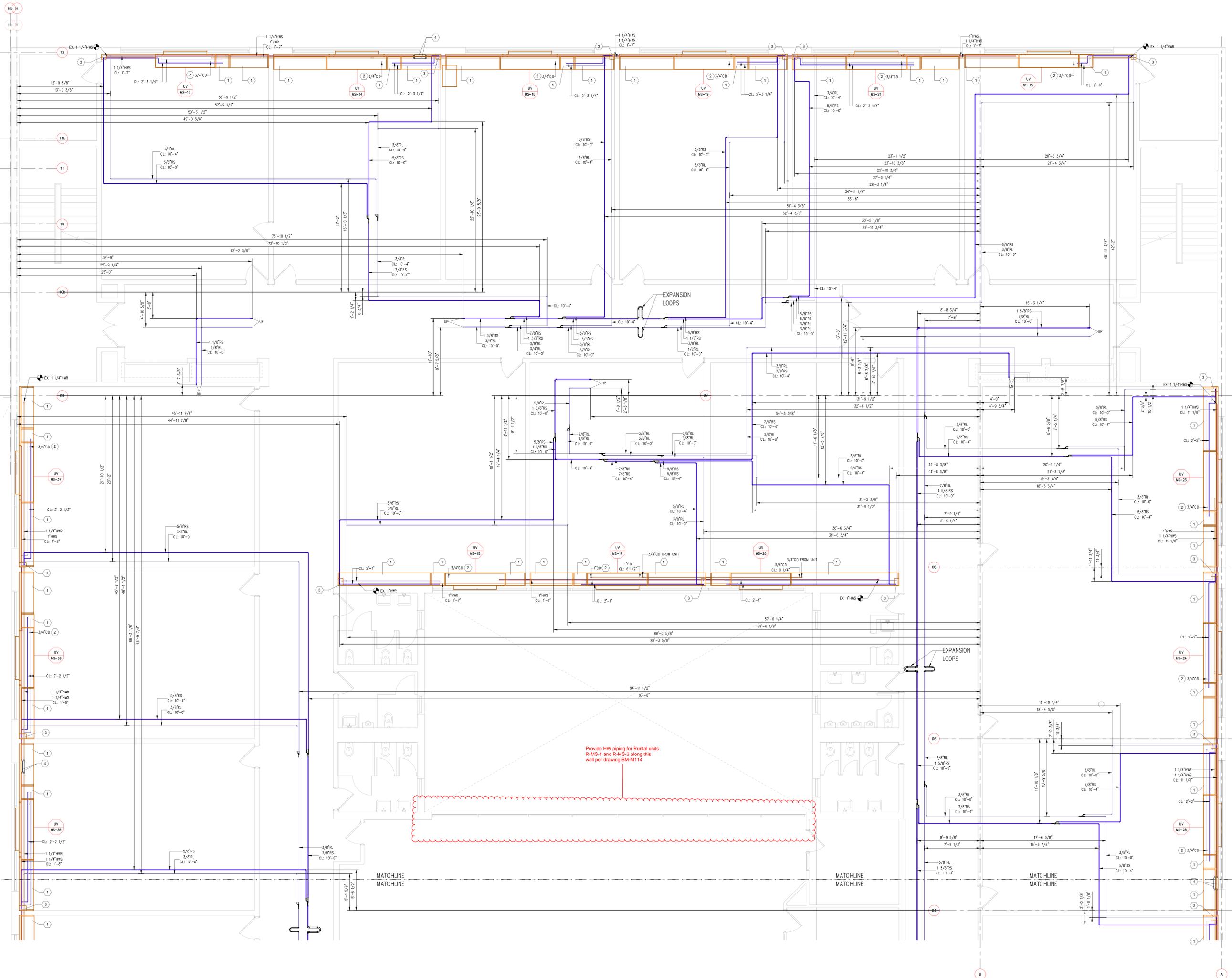
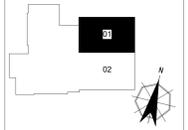
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ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

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

REV	DATE	DESCRIPTION
1	12/15/2022	SUBMITTED FOR APPROVAL



Provide HW piping for Runtal units R-MS-1 and R-MS-2 along this wall per drawing BM-M114

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

① MULTI-CONNECTION PIPING KIT.

REFERENCE DRAWINGS

TRADE	DESCRIPTION	DATE	REV
MECHANICAL	MECHANICAL SYSTEMS		
ELECTRICAL	ELECTRICAL SYSTEMS		
PLUMBING	PLUMBING SYSTEMS		
STRUCTURAL	STRUCTURAL SYSTEMS		
MECHANICAL	MECHANICAL SYSTEMS		
ELECTRICAL	ELECTRICAL SYSTEMS		
PLUMBING	PLUMBING SYSTEMS		
MECHANICAL	MECHANICAL SYSTEMS		
ELECTRICAL	ELECTRICAL SYSTEMS		
PLUMBING	PLUMBING SYSTEMS		

RECORD OF TRADE COORDINATION

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
ELECTRICAL			
PLUMBING			
MECHANICAL			
ELECTRICAL			
PLUMBING			

COORDINATION NOTE

ELITECAD DESIGNERS SHALL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION ERRORS OR OMISSIONS THAT MAY RESULT FROM COORDINATION MADE BY THE CLIENT BASED ON THE INFORMATION PROVIDED ON THESE DRAWINGS. REQUIREMENTS ARE MADE BY A HANDBOOK IN THE FIELD ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE VERIFICATION OF ALL INFORMATION.

ELITECAD DESIGNERS DISCLAIMER

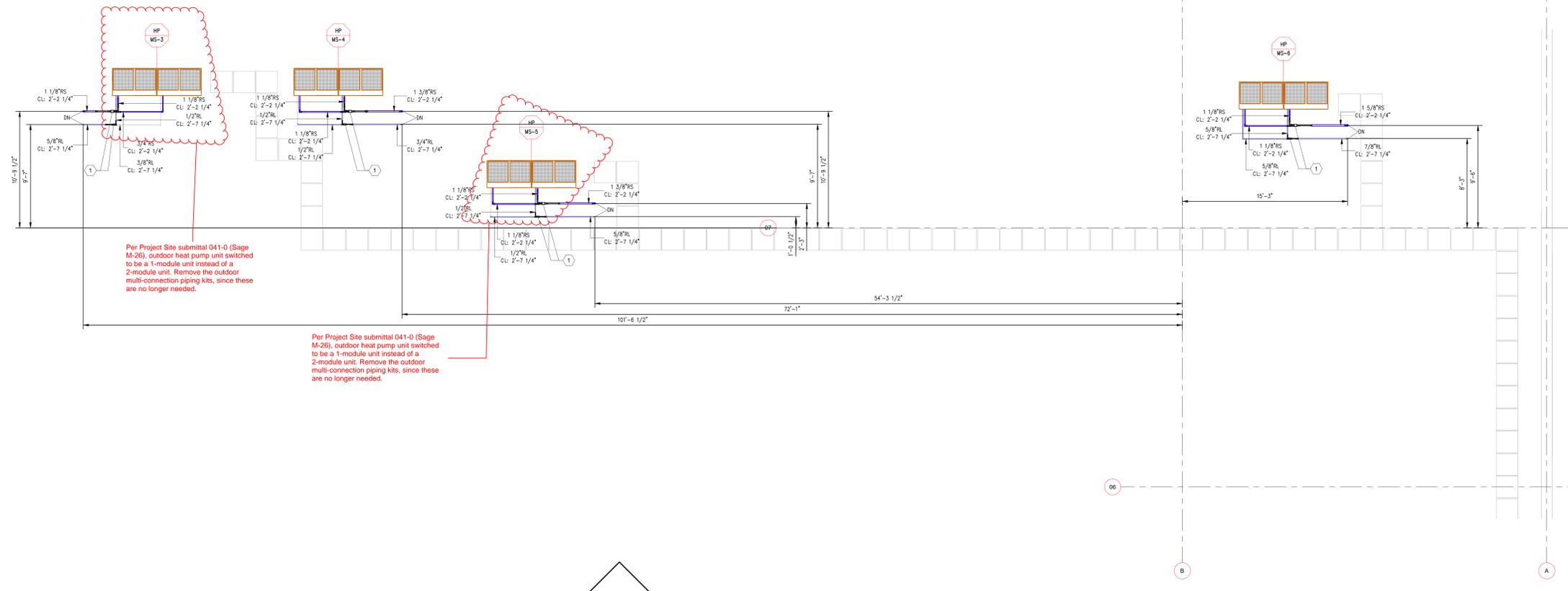
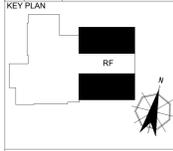
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ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

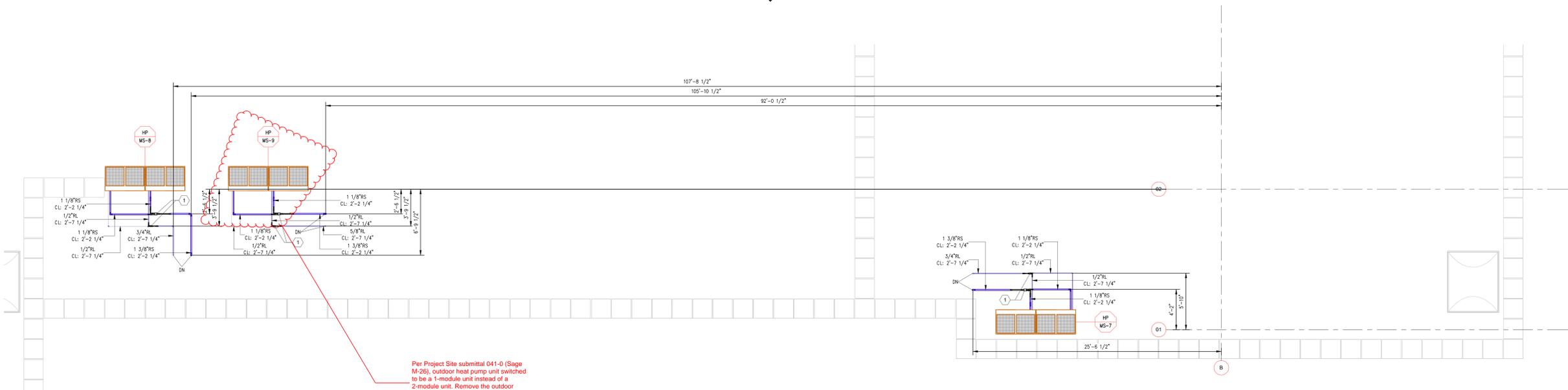
VERIFY THAT LINE ABOVE IS 1" LONG. PRINT MAY HAVE BEEN REDUCED.

REV	DATE	DESCRIPTION
0	12/18/2023	SUBMITTED FOR APPROVAL



Per Project Site submittal 041-0 (Sage M-26), outdoor heat pump unit switched to be a 1-module unit instead of a 2-module unit. Remove the outdoor multi-connection piping kits, since these are no longer needed.

Per Project Site submittal 041-0 (Sage M-26), outdoor heat pump unit switched to be a 1-module unit instead of a 2-module unit. Remove the outdoor multi-connection piping kits, since these are no longer needed.



Per Project Site submittal 041-0 (Sage M-26), outdoor heat pump unit switched to be a 1-module unit instead of a 2-module unit. Remove the outdoor multi-connection piping kits, since these are no longer needed.