

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

Telephone: 845-357-6537

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:

Product Name: SHOP DWGS MIDDLE SCHOOL PIPING / COORDINATED WITH GPS SCANNING

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

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

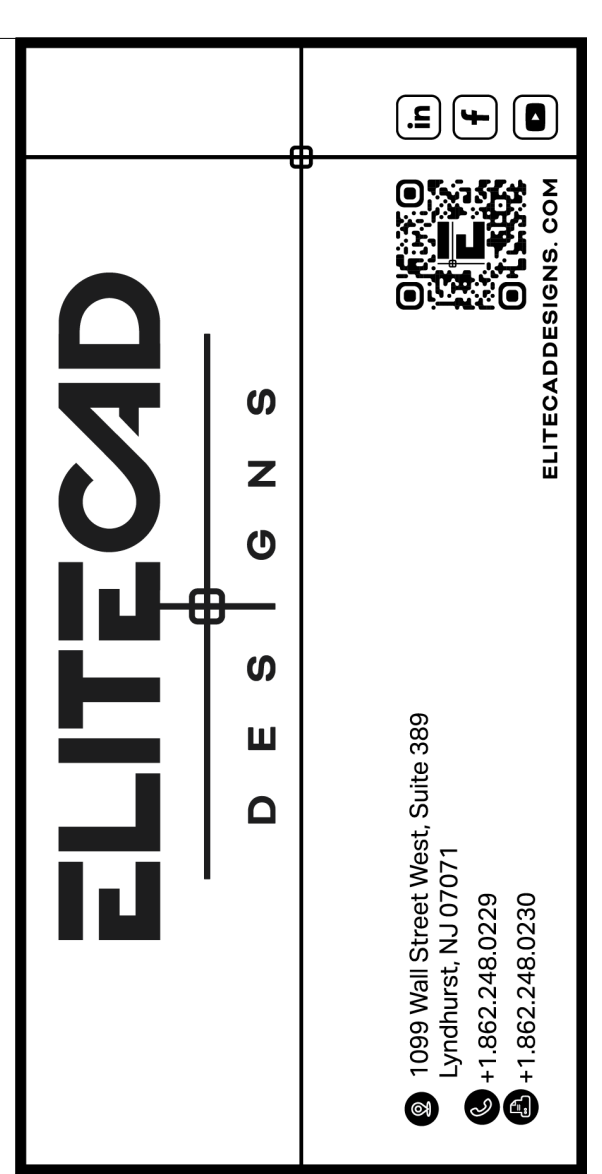
Name:

Date:

Company Name:

Joe Lombardo Plumbing & Heating of Rockland Inc.

Remarks:



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
MECHANICAL	BRM-11 - FIRST FLOOR PLAN - NORTHWEST	06/06/2023
MECH DETAIL	-	-
WAC	-	-
PLUMBING	-	-
ELECTRICAL	-	-
STRUCTURAL	-	-
MISCELLANEOUS	DM-A50 - FIRST FLOOR PLAN - NORTHEAST	06/06/2023

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
PIPE FITTER			
SHEET METAL			
PLUMBER			
SPRINKLER			
ELECTRICIAN			
MECHANICAL ENGINEER			
GENERAL CONTRACTOR			
ENGINEER			

COORDINATION NOTE
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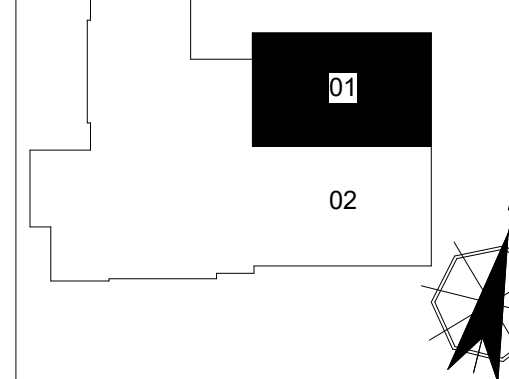
ARCHITECT / ENGINEER NOTES:

ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

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

KEY PLAN



ARCH	KSQ Design			
ENG	Sage Engineering Associates			
PROJECT	Bart Middle School 50 Blauvelt Rd #1 Nanuet, NY 10954			
TITLE	LEVEL 01 NORTHEAST			
CRP LDR	MC	PRG MGT	MM	JOB NO
DATE	12/14/2023	SCALE	1/4" = 1'-0"	DWG NO
				MP-01-01

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
HWS/R CONNECTIONS TO UNIT VENTILATORS IS 1"

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

TRADE	DESCRIPTION	DATE	REV
MECHANICAL	MECHANICAL PIPING AND EQUIPMENT	01/01/2023	01
ELECTRICAL	ELECTRICAL		
PLUMBING	PLUMBING		
MECHANICAL	MECHANICAL		

TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
MECHANICAL			
ELECTRICAL			
PLUMBING			
MECHANICAL			

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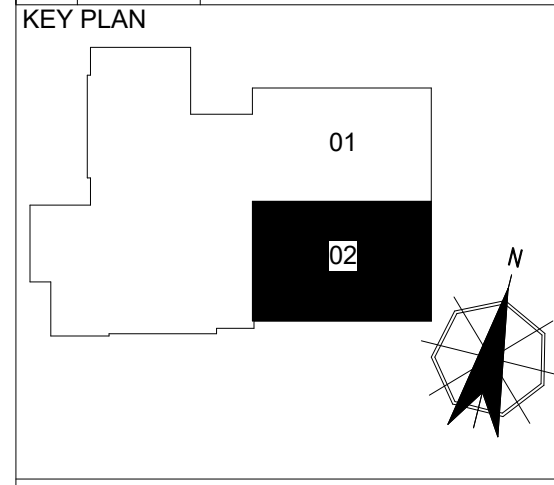
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ARCHITECT / ENGINEER NOTES:

FOR APPROVAL

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

REV	DATE	DESCRIPTION
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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 ROOMS (PLAN, SECTION, ELEVATION)	01/15/2023
PLUMBING	PLUMBING (PLAN, SECTION, ELEVATION)	01/15/2023
ELECTRICAL	ELECTRICAL (PLAN, SECTION, ELEVATION)	01/15/2023
STRUCTURAL	STRUCTURAL (PLAN, SECTION, ELEVATION)	01/15/2023
MECHANICAL	MECHANICAL ROOMS (PLAN, SECTION, ELEVATION)	01/15/2023

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

COORDINATION NOTE

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ELITECAD DESIGNS DISCLAIMER

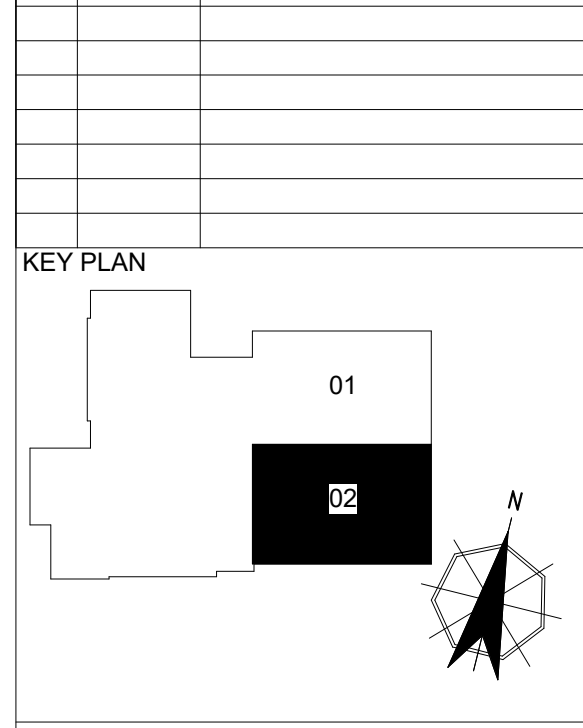
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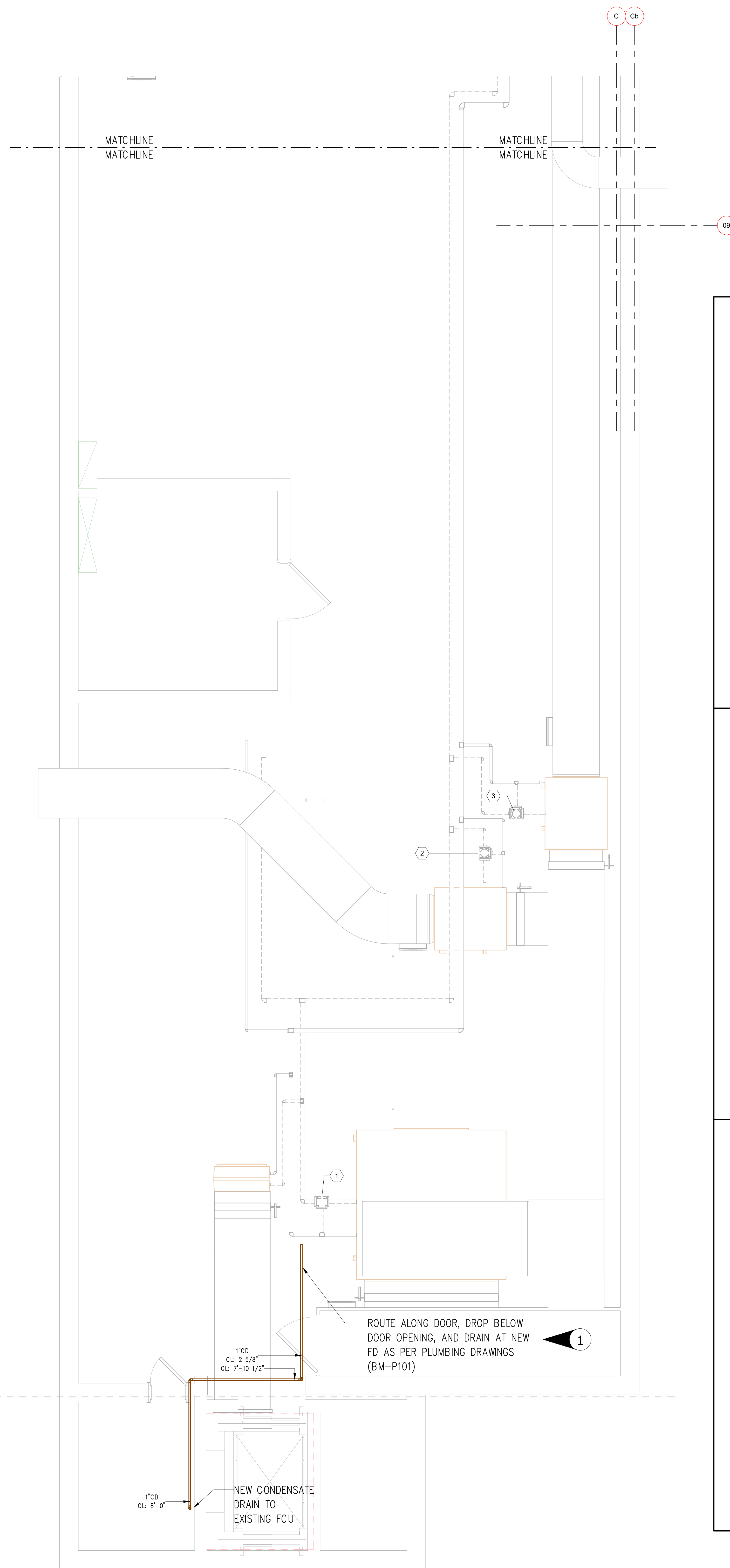
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- The diagram illustrates a 1-Tier Element System. It shows a horizontal flow path starting from a 'FIN TUBE ENCLOSURE' at the top left. The flow goes through a 'SHUT-OFF VALVE' (1), a 'BALANCE VALVE' (4), and a 'FIN ELEMENT' (3). It then passes through a '2-WAY MODULATING CONTROL VALVE' (6) and an 'AIR VENT' (5) before reaching the 'HWS MAIN' (7). From the HWS Main, the flow can be routed either back to the 'FIN TUBE ENCLOSURE' (9) or to the 'HWS MAIN ROUTED TO NEXT ROOM THROUGH ENCLOSURE' (10). The diagram also shows a 'FLOOR' line at the bottom.
- DETAIL FOR 1-TIER ELEMENT SYSTEM**
- | | |
|------------------|--|
| ① SHUT-OFF VALVE | ⑤ AIR VENT |
| ② UNION (TYP) | ⑥ 2-WAY MODULATING CONTROL VALVE |
| ③ FIN ELEMENT | ⑦ HWS MAIN |
| ④ BALANCE VALVE | ⑧ HWR MAIN |
| | ⑨ HWR MAIN ROUTED TO NEXT ROOM THROUGH ENCLOSURE |
| | ⑩ HWS MAIN ROUTED TO NEXT ROOM THROUGH ENCLOSURE |

Diagram illustrating a two-pipe heating system with two active radiator lengths. The system includes a pump (7), shut-off valves (1), unions (2), radiators (3), balance valves (4), air vents (5), and a 2-way modulating control valve (6). The diagram shows two radiator units, each with three radiators, connected in series. The flow is from left to right, with the pump at the start and the control valve at the end. The radiators are labeled 'RADIATOR' and 'FLOOR'. The shut-off valves are labeled 'SHUT-OFF VALVE (TYP)' and the unions are labeled 'UNION (TYP)'. The balance valves are labeled 'BALANCE VALVE' and the air vents are labeled 'AIR VENT'. The 2-way modulating control valve is labeled '2-WAY MODULATING CONTROL VALVE'.

①	SHUT-OFF VALVE (TYP)	⑥	2-WAY MODULATING CONTROL VALVE
②	UNION (TYP)	⑦	HWS
③	FIN ELEMENT	⑧	HWR
④	BALANCE VALVE	⑨	EXPANSION COMPENSATOR BETWEEN TWO ACTIVE RADIATOR LENGTHS
⑤	AIR VENT		

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

ELITECAD

D E S I G N S

1099 Wall Street West, Suite 399
Lynchhurst, NJ 07071
Tel: +1 862-248-0220
Fax: +1 862-248-0220



ELITECADDISIGNS.COM

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

REFERENCE DRAWINGS			
TRADE	DESCRIPTION	DATE	REV
MECH/EPE	BIM M10 - ENGAGEMENT PLANS	06/06/2023	-
MECH/STAIR	-	-	-
MECH	-	-	-
PLUMB	-	-	-
ELECTR	-	-	-
STRUCTURAL	-	-	-
ARCHITECTURAL	BIM A330 - LOWER LEVEL FLOOR PLAN AND ENLARGED ELEVATION PLANS	06/06/2023	-
ISD	-	-	-

RECORD OF TRADE COORDINATION			
TRADE	COMPANY	DATE	AUTHORIZED SIGNATURE
PVC FILTER			
SHEET METAL			
PLUMBER			
SPRINKLER			
ELECTRICIAN			
MECHANICAL CONT			
GENERAL CONT			
ENGINEER			

COORDINATION NOTE

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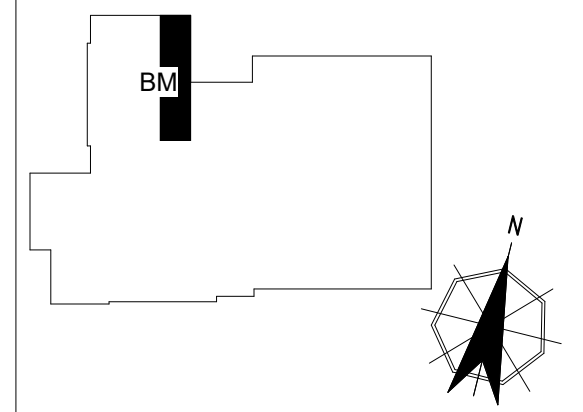
ARCHITECT / ENGINEER NOTES:

① COLUMN LINES NOT PROVIDED
IN THIS AREA. VERIFY IN FIELD.

FOR APPROVAL

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

KEY PLAN		



ARCH	KSQ Design			
ENG	Sage Engineering Associates			
PROJECT	East Middle School 50 Blauevelt Rd #1 Nanuet, NY 10954			
TITLE	LEVEL - BASEMENT OVERALL PLAN & BUILDING DETAILS			
GRP LDR	MC	PRO MGT	MM	J23-299
DATE	12/18/2023	SCALE	3/8" = 1'-0"	MP-BM

