

Bid Addendum No. 1

January 13, 2025

Nyack Union Free School District – Boiler Replacements

CSArch Project No. 226-2301

SED Control No. 50-03-04-03-0-006-17, 50-03-04-03-0-007-024, 50-03-04-03-0-005-010

This Bid Addendum No. 1 forms part of the Contract Documents and modifies the original bidding documents dated December 19, 2024. **Bid Addendum No. 1 consists of four (4) 30x42 drawings, one (1) specification section, and responses to Bidder RFIs.**



Architect's Seal

GENERAL INFORMATION

1. Bid Addendum No. 1 issued to all Bidders / Plan Holders on January 13, 2025.

REVISIONS TO THE DRAWINGS

1. DELETE drawing HTA M101. ADD revised drawing HTA M101 in its entirety.
2. DELETE drawing HTA M102. ADD revised drawing HTA M102 in its entirety.
3. DELETE drawing LES M101. ADD revised drawing LES M101 in its entirety.
4. DELETE drawing UNES M101. ADD revised drawing UNES M101 in its entirety.

REVISIONS TO THE PROJECT MANUAL

1. DELETE Section 004116.01. ADD revised Section 004116.01 in its entirety.

RESPONSES TO BIDDER RFIs

1. Please provide Insurance Requirements. **RESPONSE: Refer to Section 007216, Article 11.**
2. Please provide a Milestone/ Construction Schedule for the project. **RESPONSE: Refer to Sections 011200 and 003113.**
3. Drawing E101, Note #2 to remove and replace Panel is depicted next to Panel DP. Panel schedule for Panel DP depicts it as Existing. Is this Panel existing to remain or is it to be replaced with new? **RESPONSE: As indicated in coded note #2 this panelboard "DP" is to be removed and replaced. The associated panel schedule indicated existing electrical characteristics and breaker sizes.**
4. The boiler manufacturer approves several different materials for the fresh air intake. What material is required for this job. If it's not specified, everyone will figure PVC. **RESPONSE: Provide galvanized sheet metal per specification 233113.**
5. HTA M102, Note 3. The referenced note reads in part, "Providing boiler flue in existing chimney." Does this mean a chimney liner? Or is there access to install the actual flue piping in existing chimney? **RESPONSE: Provide single wall breaching system per specification 235133 within existing chimney. Breaching system exposed in boiler room shall be double wall.**

END OF BID ADDENDUM NO. 1

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Contractor

NYACK UFSD
HILLTOP ADMIN BUILDING
BOILER REPLACEMENT PROJECT

Project Title



NO.	DATE	DESCRIPTION	BY
1	01/13/2025	ISSUE FOR BIDDING	CS

Drawn By: CS
Checked By: CS
Proj. #: 50-03-04-03-0-005-010
CSArch Proj. #: 226-2302.00
Issued for Bid: 12/16/2024

Sheet Title

MECHANICAL
FLOOR PLAN -
AREA 'B'

Sheet No.

HTA
M101

CONSTRUCTION DOCUMENTS

GENERAL NOTES

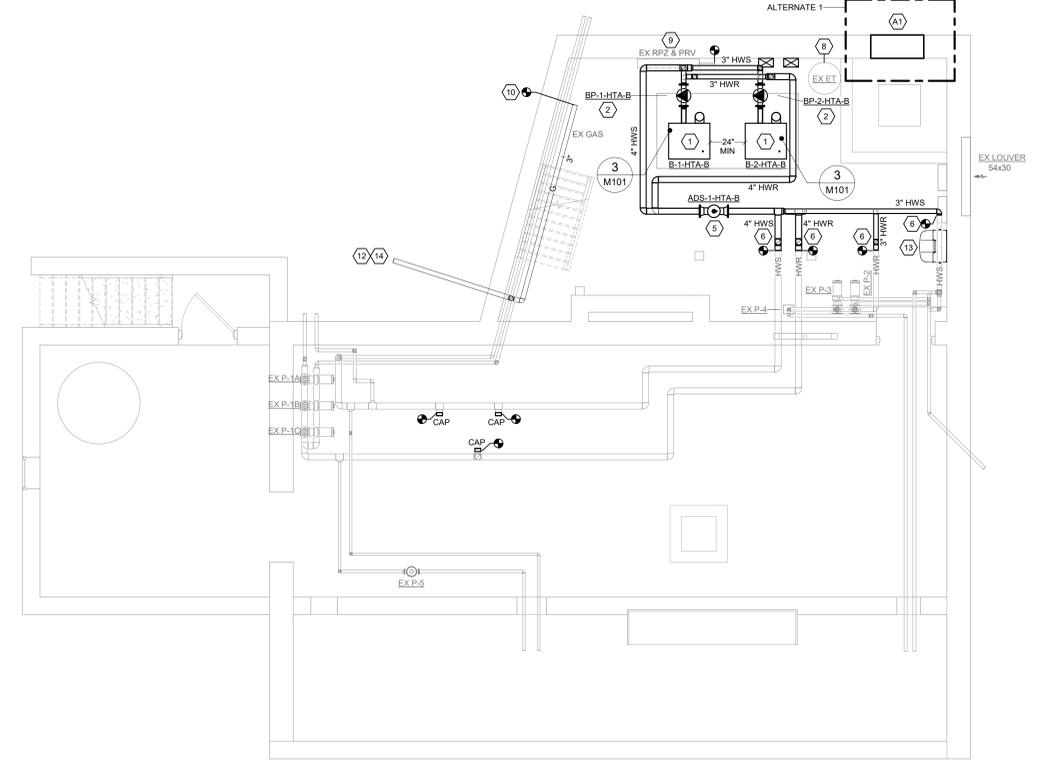
- CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
- EVERY EFFORT HAS BEEN MADE TO VERIFY CLEARANCE OF NEW INSTALLATIONS THROUGH FIELD OBSERVATIONS. HOWEVER, THE CONTRACTOR IS TO VERIFY ALL JOB INSTALLATIONS PRIOR TO PROVIDING NEW WORK.
- ALL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER FOR FUTURE USE. IF OWNER DECIDES THE FIXTURES ARE NOT REUSABLE, THE MECHANICAL CONTRACTOR SHALL DISPOSE OF THEM.
- IF THERE IS A QUESTION REGARDING EXISTING MECHANICAL SYSTEMS THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE STATUS BEFORE PROCEEDING.
- ALL INTERRUPTIONS OF SERVICE SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER. MECHANICAL SYSTEMS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
- COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
- COORDINATE THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
- COORDINATE THIS PLAN WITH REMOVAL PLAN.
- ALL EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS, AND PIPING SHOWN WITH LIGHT LINE WEIGHT IS EXISTING TO REMAIN.

CODED NOTES

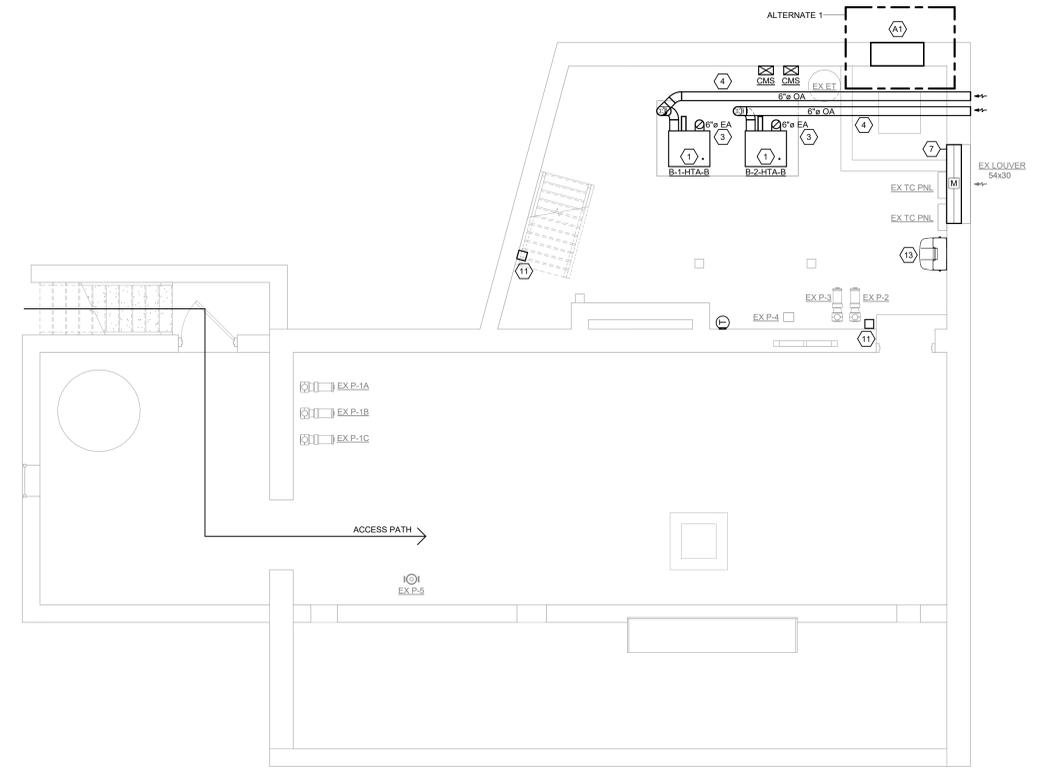
- PROVIDE BOILER AS SCHEDULED INCLUDING ALL ASSOCIATED HYDRONIC AND GAS PIPING, VALVES, INSULATION, CONTROLS, HANGERS AND SUPPORTS. LOCATE BOILER ON EXISTING CONCRETE PAD, MODIFY AS NECESSARY.
- PROVIDE BOILER CIRC. PUMP AS SCHEDULED INCLUDING ALL ASSOCIATED PIPING, VALVES, INSULATION, CONTROLS, HANGERS AND SUPPORTS.
- PROVIDE 6" DIA. FLUE FROM BOILER UP THROUGH ROOF. TERMINATE MINIMUM 12'-0" ABOVE ROOF WITH RAIN CAP. PROVIDE ALL NECESSARY ACCESSORIES FOR A COMPLETE SYSTEM.
- PROVIDE 6" DIA. GALVANIZED SHEETMETAL INTAKE DUCT PER SPECIFICATION 2331.13 FROM BOILER TO EXTERIOR OF BUILDING. CORE-DRILL EXISTING EXTERIOR WALL FOR NEW PENETRATION. TERMINATE OPEN END WITH S.S. W/MS. PROVIDE 2" RIGID INSULATION PER SPECIFICATION.
- PROVIDE 4" COMBINATION HYDRAULIC SEPARATOR, AIR ELIMINATOR, DIRT SEPARATOR WITH MAGNET INCLUDING ALL ASSOCIATED PIPING, VALVES, INSULATION, HANGERS AND SUPPORTS.
- PROVIDE COMPLETE HYDRONIC PIPING SYSTEM AS INDICATED INCLUDING ALL ASSOCIATED VALVES, INSULATION, HANGERS AND SUPPORTS. CONNECT TO EXISTING PIPING AT POINT-OF-RECONNECTIONS.
- PROVIDE SHEETMETAL SLEEVE WITH MOTORIZED DAMPERS SIZED TO MATCH EXISTING LOUVER TO SYSTEM PER PIPING SCHEMATIC.
- EXISTING EXPANSION TANK TO BE REUSED. CONNECT TO SYSTEM PER PIPING SCHEMATIC.
- EXISTING BACKFLOW PREVENTER AND PRESSURE REDUCING VALVE (RP2 & PRV) TO BE REUSED. CONNECT TO SYSTEM PER PIPING SCHEMATIC. SET PRESSURE AS INDICATED.
- PROVIDE GAS PIPING FROM POINT-OF-CONNECT TO EACH BOILER PER PIPING DETAIL.
- BOILER EMERGENCY SHUTDOWN SWITCH: REFER TO ELECTRICAL DOCUMENTS.
- APPROXIMATE LOCATION OF EXISTING GAS METER.
- PROVIDE WALL MOUNTED GRAVITY-FED EYEWASH STATION, BRADLEY MODEL S19-921. STATION SHALL MEET ANSI Z358.1 STANDARD. MOUNT STATION 40" AFF.
- NEW BOILERS REQUIRE AN ADDITIONAL LOAD OF 510 CFH AT 4'-14" W.C. COORDINATE WITH ORANGE AND ROCKLAND GAS - 945-S7-324. CREATE A NEW BUSINESS APPLICATION FOR ORANGE AND ROCKLAND ENGINEERING REVIEW OF EXISTING LOADS AND DELIVERY PRESSURE TO DETERMINE IF A METER UPGRADE IS REQUIRED. PROVIDE ADDITIONAL EQUIPMENT REGULATOR AS REQUIRED, BASED UPON ORANGE AND ROCKLAND DETERMINATION OF EXISTING DELIVERY PRESSURE AFTER THE METER.

CODED NOTES - ALTERNATE 1

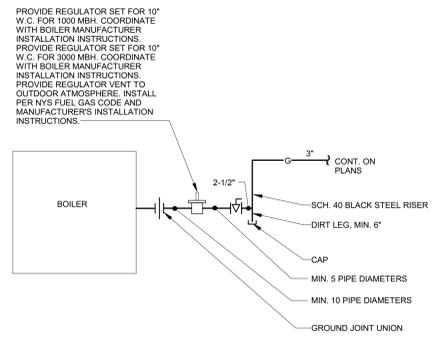
- PROVIDE MASONRY INFILL OF TEMPORARY WALL OPENING. ALL MATERIALS SHALL MATCH EXISTING CONSTRUCTION.



1 NEW WORK - AREA 'B' BOILER ROOM PIPING
1/4" = 1'-0"



2 NEW WORK - AREA 'B' BOILER ROOM EQUIPMENT & DUCT
1/4" = 1'-0"

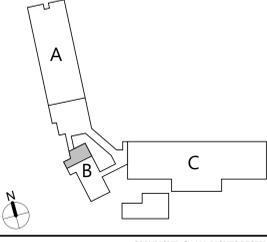


3 GAS PIPING CONNECTION FOR BOILER ROOM "B"
M101 N.T.S.

EQUIPMENT	TOTAL INPUT (BTU/H)	REQ'D FREE AREA PER CODE (SQ. IN.)	FREE AREA PROVIDED (SQ. IN.)	REMARKS
NEW BOILER (B-1-HTA-B)	1,000,000	DIRECT VENT	DIRECT VENT	1
NEW BOILER (B-2-HTA-B)	1,000,000	DIRECT VENT	DIRECT VENT	1
NEW BOILER (B-1-HTA-C)	750,000	DIRECT VENT	DIRECT VENT	1
NEW BOILER (B-2-HTA-C)	750,000	DIRECT VENT	DIRECT VENT	1

REMARKS:
1) FOR CONTROL OF COMBUSTION AIR DAMPERS, REFER TO SPECIFICATION SECTION 230993 - SEQUENCE OF OPERATIONS FOR HVAC CONTROL.

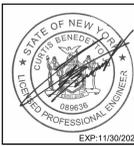
KEY PLAN



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**NYACK UFSD
HILLTOP ADMIN BUILDING
BOILER REPLACEMENT PROJECT**



NO.	DATE	DESCRIPTION
1	01/13/2025	ISSUE FOR BIDDING

Drawn By: **AM**
 Checked By: **CB**
 Proj. #: **50-03-04-03-0-005-010**
 CSArch Proj. #: **256-2302-00**
 Issued for Bid: **12/16/2024**

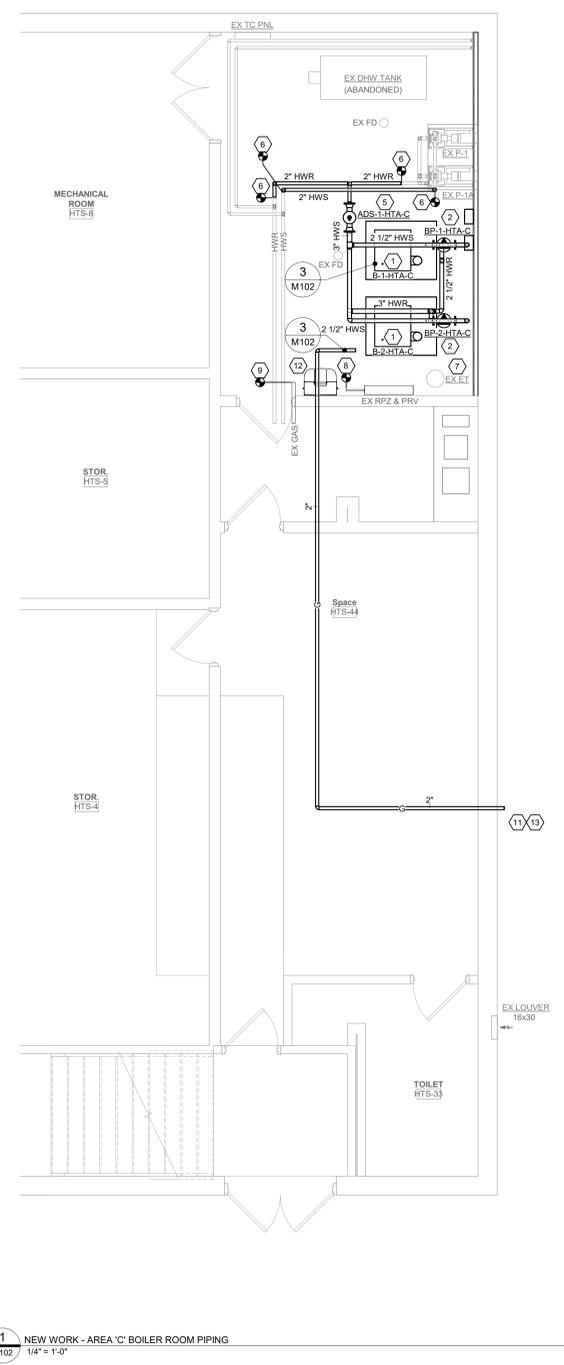
Sheet Title:
**MECHANICAL
FLOOR PLAN -
AREA 'C'**

Sheet No.:
**HTA
M102**

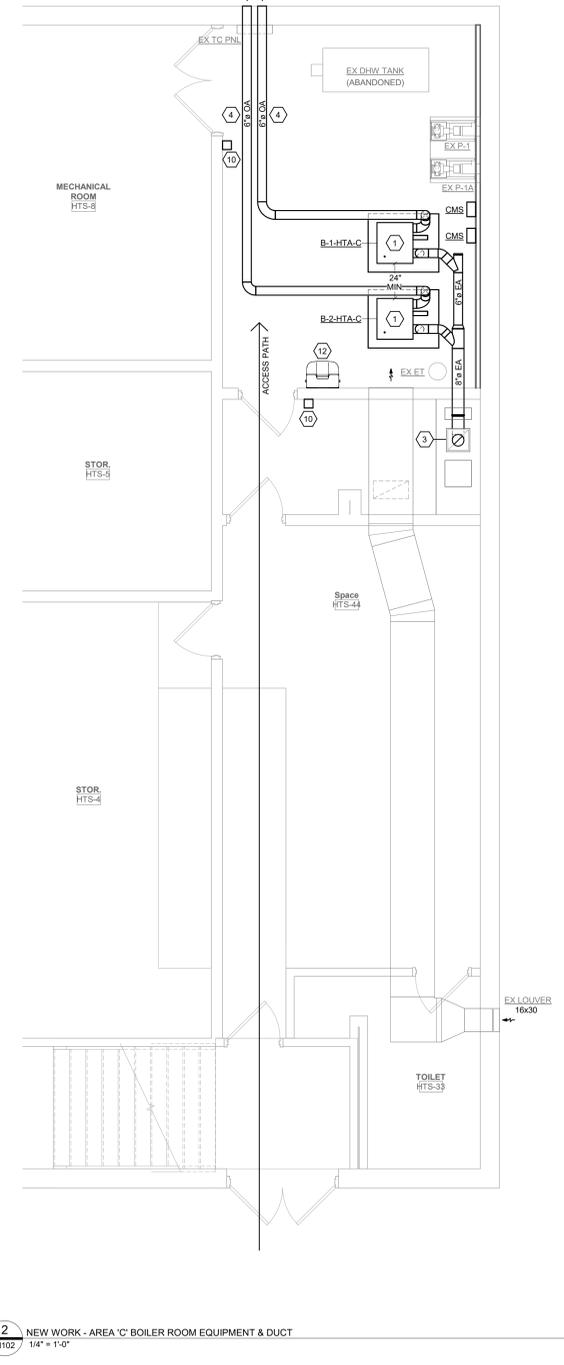
CONSTRUCTION DOCUMENTS

- GENERAL NOTES**
- CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
 - EVERY EFFORT HAS BEEN MADE TO VERIFY CLEARANCE OF NEW INSTALLATIONS THROUGH FIELD OBSERVATIONS. HOWEVER, THE CONTRACTOR IS TO VERIFY ALL JOB INSTALLATIONS PRIOR TO PROVIDING NEW WORK.
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 - IF THERE IS A QUESTION REGARDING EXISTING MECHANICAL SYSTEMS THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE STATUS BEFORE PROCEEDING.
 - ALL INTERRUPTIONS OF SERVICE SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER. MECHANICAL SYSTEMS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
 - COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
 - COORDINATE THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
 - COORDINATE THIS PLAN WITH REMOVAL PLAN.
 - ALL EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS, AND PIPING SHOWN WITH LIGHT LINE WEIGHT IS EXISTING TO REMAIN.

- CODED NOTES**
- PROVIDE BOILER AS SCHEDULED INCLUDING ALL ASSOCIATED HYDRONIC AND GAS PIPING, VALVES, INSULATION, CONTROLS, HANGERS AND SUPPORTS. LOCATE BOILER ON EXISTING CONCRETE PAD.
 - PROVIDE BOILER CIRC. PUMP AS SCHEDULED INCLUDING ALL ASSOCIATED PIPING, VALVES, INSULATION, CONTROLS, HANGERS AND SUPPORTS.
 - PROVIDE 6" DIA. DOUBLE WALL PREFABRICATED CHIMNEY FLUE FROM BOILER TO COMBINED 6" DIA. VENT SYSTEM. ALL BREACHING SHALL BE PER SPECIFICATION 235133. PROVIDE SINGLE WALL BREACHING IN EXISTING CHIMNEY. PROVIDE ALL NECESSARY ACCESSORIES INCLUDING DRAIN, RAIN CAP, FLASHING AND SUPPORTS FOR A COMPLETE VENT SYSTEM.
 - PROVIDE 6" DIA. GALVANIZED SHEETMETAL INTAKE DUCT PER SPECIFICATION 233113 FROM BOILER TO EXTERIOR OF BUILDING. CORE-DRILL EXISTING EXTERIOR WALL FOR NEW PENETRATION. TERMINATE OPEN END WITH S.S. WWS. PROVIDE 2" RIGID INSULATION PER SPECIFICATION.
 - PROVIDE 3" COMBINATION HYDRAULIC SEPARATOR, AIR ELIMINATOR, DIRT SEPARATOR WITH MAGNET INCLUDING ALL ASSOCIATED PIPING, VALVES, INSULATION, HANGERS AND SUPPORTS.
 - PROVIDE COMPLETE HYDRONIC PIPING SYSTEM AS INDICATED INCLUDING ALL ASSOCIATED VALVES, INSULATION, HANGERS AND SUPPORTS. CONNECT TO EXISTING PIPING AT POINT-OF-RECONNECTIONS.
 - EXISTING EXPANSION TANK TO BE REUSED. CONNECT TO SYSTEM PER PIPING SCHEMATIC.
 - EXISTING BACKFLOW PREVENTER AND PRESSURE REDUCING VALVE (RP&P) TO BE REUSED. CONNECT TO SYSTEM PER PIPING SCHEMATIC. SET PRESSURE AS INDICATED.
 - PROVIDE GAS PIPING FROM POINT-OF-CONNECT TO BOILER B-1-HTA-C PER PIPING DETAIL.
 - BOILER EMERGENCY SHUTDOWN SWITCH; REFER TO ELECTRICAL DOCUMENTS.
 - APPROXIMATE LOCATION OF EXISTING GAS SERVICE. ROUTE 2" GAS PIPING TO BOILER B-2-HTA-G.
 - PROVIDE WALL MOUNTED GRAVITY-FED EVEWASH STATION, BRADLEY MODEL S19-921. STATION SHALL MEET ANSI Z358.1 STANDARD. MOUNT STATION 40" AFF.
 - NEW BOILERS REQUIRE AN ADDITIONAL LOAD OF 570 CFH AT 4'-14" W.C. COORDINATE WITH ORANGE AND ROCKLAND GAS - 845-577-3324. CREATE A NEW BUSINESS APPLICATION FOR ORANGE AND ROCKLAND ENGINEERING REVIEW OF EXISTING LOADS AND DELIVERY PRESSURE TO DETERMINE IF A METER UPGRADE IS REQUIRED. PROVIDE ADDITIONAL EQUIPMENT REGULATOR AS REQUIRED, BASED UPON ORANGE AND ROCKLAND DETERMINATION OF EXISTING DELIVERY PRESSURE AFTER THE METER.



1 NEW WORK - AREA 'C' BOILER ROOM PIPING
M102 1/4" = 1'-0"

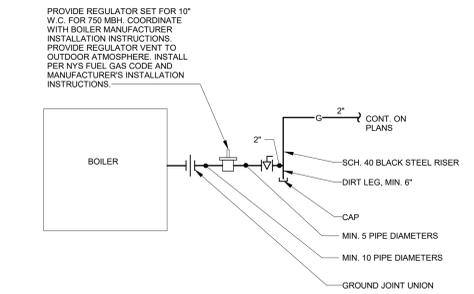


2 NEW WORK - AREA 'C' BOILER ROOM EQUIPMENT & DUCT
M102 1/4" = 1'-0"

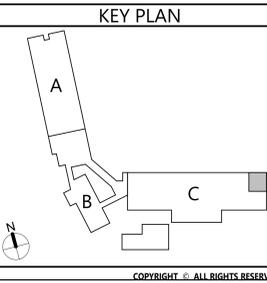
COMBUSTION AIR SCHEDULE

EQUIPMENT	TOTAL INPUT (BTU/H)	REQ'D FREE AREA PER CODE (SQ. IN.)	FREE AREA PROVIDED (SQ. IN.)	REMARKS
NEW BOILER (B-1-HTA-B)	1,000,000	DIRECT VENT	DIRECT VENT	1
NEW BOILER (B-2-HTA-B)	1,000,000	DIRECT VENT	DIRECT VENT	1
NEW BOILER (B-1-HTA-C)	750,000	DIRECT VENT	DIRECT VENT	1
NEW BOILER (B-2-HTA-C)	750,000	DIRECT VENT	DIRECT VENT	1

REMARKS:
1) FOR CONTROL OF COMBUSTION AIR DAMPERS, REFER TO SPECIFICATION SECTION 230993 - SEQUENCE OF OPERATIONS FOR HVAC CONTROL.

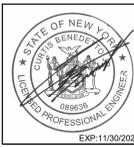


3 GAS PIPING CONNECTION FOR BOILER ROOM "C"
M102 N.T.S.





Project Title
**NYACK UFSD
LIBERTY ELEMENTARY SCHOOL
BOILER REPLACEMENT PROJECT**



NO.	DATE	DESCRIPTION	BY
1	03/2025	NO ADDENDUM 1	

Drawn By: **AM**
 Checked By: **CB**
 Proj. #: **50-03-04-03-0-006-017**
 CSArch Proj. #: **226-2302-00**
 Issued for Bid: **12/16/2024**

Sheet Title
**MECHANICAL
NEW WORK
PLAN**
 Sheet No.
**LES
M101**
 CONSTRUCTION DOCUMENTS

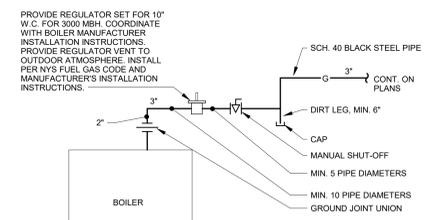
- GENERAL NOTES**
- CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
 - EVERY EFFORT HAS BEEN MADE TO VERIFY CLEARANCE OF NEW INSTALLATIONS THROUGH FIELD OBSERVATIONS. HOWEVER, THE CONTRACTOR IS TO VERIFY ALL JOB INSTALLATIONS PRIOR TO PROVIDING NEW WORK.
 - ALL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER FOR FUTURE USE. IF OWNER DECIDES THE FIXTURES ARE NOT REUSABLE, THE MECHANICAL CONTRACTOR SHALL DISPOSE OF THEM.
 - IF THERE IS A QUESTION REGARDING EXISTING MECHANICAL SYSTEMS THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE STATUS BEFORE PROCEEDING.
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 - COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
 - COORDINATE THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
 - COORDINATE THIS PLAN WITH REMOVAL PLAN.
 - ALL EQUIPMENT, DUCTWORK, DIFFUSERS, REGISTERS, AND PIPING SHOWN WITH LIGHT LINE WEIGHT IS EXISTING TO REMAIN.

- CODED NOTES**
- PROVIDE BOILER AS SCHEDULED INCLUDING ALL ASSOCIATED HYDRONIC AND GAS PIPING, VALVES, INSULATION, CONTROLS, HANGERS AND SUPPORTS. LOCATE BOILER ON EXISTING CONCRETE PAD, MODIFY AS NECESSARY.
 - REINSTALL EXISTING BOILER CIRC. PUMP INCLUDING ALL ASSOCIATED PIPING, VALVES, INSULATION, CONTROLS, HANGERS AND SUPPORTS.
 - PROVIDE 8" DIA. FLUE FROM BOILER UP THROUGH ROOF. TERMINATE MINIMUM 10' ABOVE ROOF.
 - PROVIDE 8" DIA. GALVANIZED SHEETMETAL INTAKE DUCT PER SPECIFICATION 233113 FROM BOILER TO EXTERIOR OF BUILDING. CORE-DRILL EXISTING EXTERIOR WALL FOR NEW PENETRATION. TERMINATE OPEN END WITH S.S. WMS. PROVIDE 2" RIGID INSULATION PER SPECIFICATION.
 - EXISTING AIR SEPARATOR TO BE REUSED.
 - PROVIDE COMPLETE HYDRONIC PIPING SYSTEM AS INDICATED INCLUDING ALL ASSOCIATED VALVES, INSULATION, HANGERS AND SUPPORTS. CONNECT TO EXISTING PIPING AT POINT-OF-RECONNECTIONS.
 - EXISTING EXPANSION TANK TO BE REUSED.
 - EXISTING BACKFLOW PREVENTER AND PRESSURE REDUCING VALVE (RPV & PRV) TO BE REUSED.
 - PROVIDE GAS PIPING FROM POINT-OF-CONNECT TO EACH BOILER PER PIPING DETAIL.
 - BOILER EMERGENCY SHUTDOWN SWITCH: REFER TO ELECTRICAL DOCUMENTS.
 - PROVIDE SHEETMETAL CAP OVER EXISTING CHIMNEY OPENING AND SEAL WITH FIRE CAULK.
 - LOCATION OF EXISTING GAS METER.
 - PROVIDE WALL MOUNTED GRAVITY-FED EYEWASH STATION: BRADLEY MODEL 518491. STATION SHALL MEET ANSI Z358.1 STANDARD. MOUNT STATION 40" AFF.

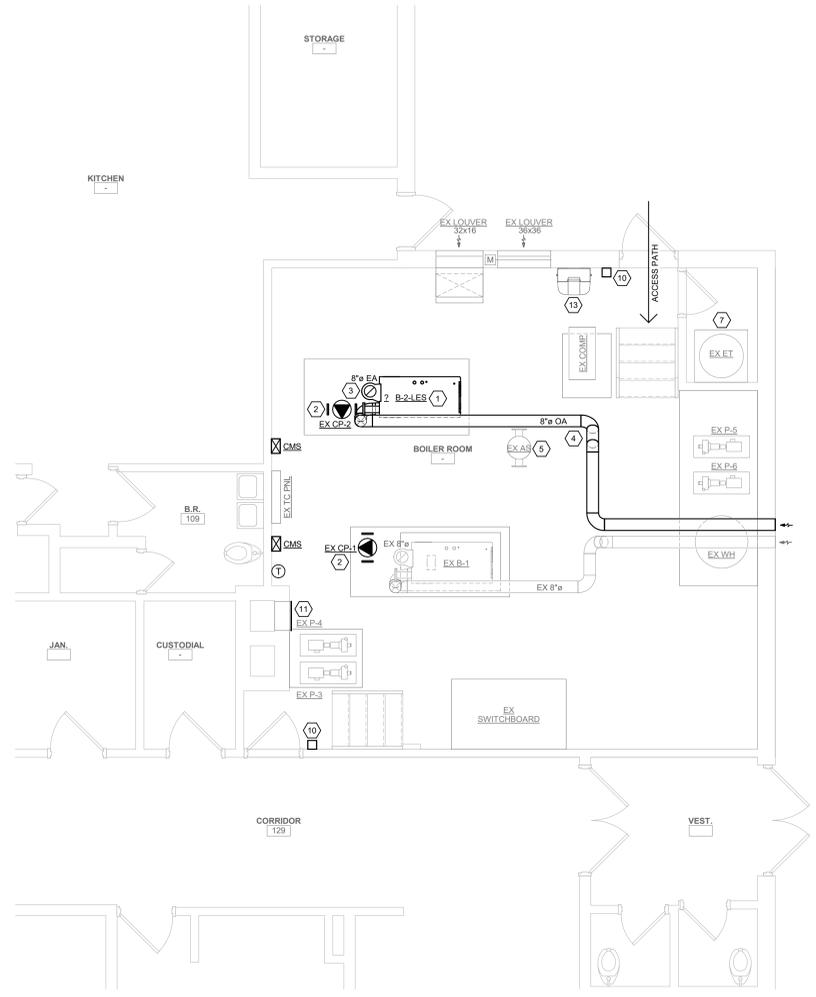
COMBUSTION AIR SCHEDULE

EQUIPMENT	TOTAL INPUT (BTU/H)	REQ'D FREE AREA PER CODE (SQ. IN.)	FREE AREA PROVIDED (SQ. IN.)	REMARKS
NEW BOILER (B-2-LES)	3,000,000	DIRECT VENT	DIRECT VENT	1
EXIST. BOILER (B-1)	3,000,000	DIRECT VENT	DIRECT VENT	1
EXIST. WATER HEATER (EX-WH)	150,000	DIRECT VENT	DIRECT VENT	1

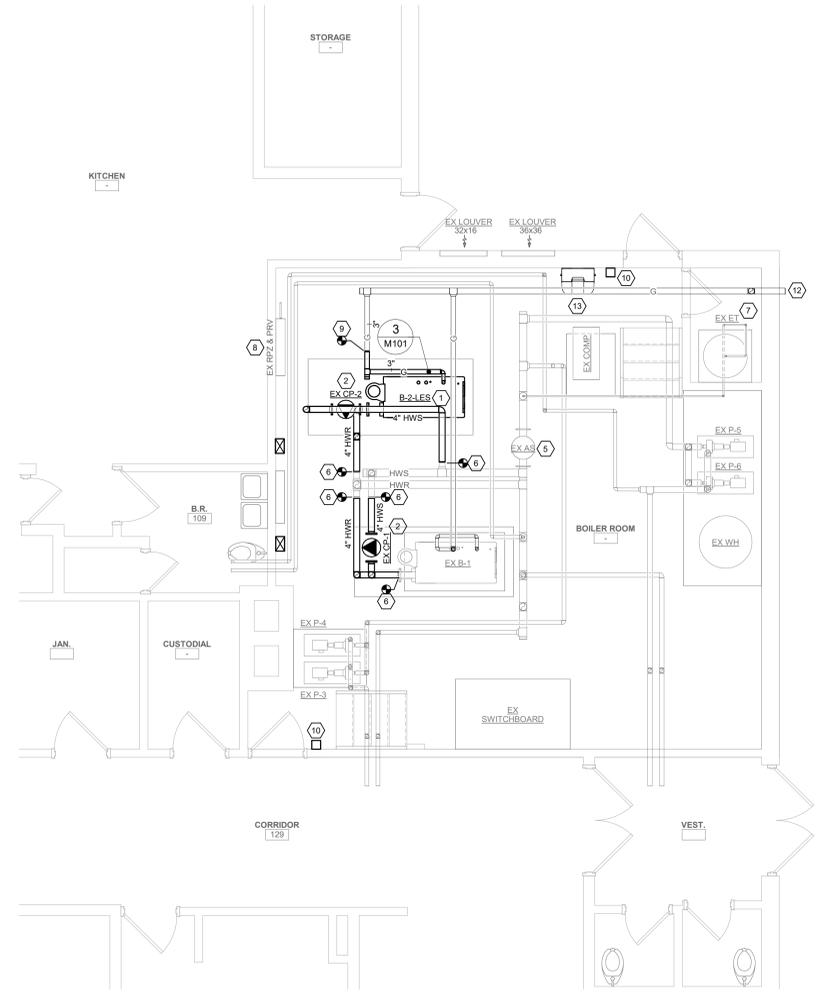
REMARKS:
1) FOR CONTROL OF COMBUSTION AIR DAMPERS, REFER TO SPECIFICATION SECTION 230993 - SEQUENCE OF OPERATIONS FOR HVAC CONTROL.



3 GAS PIPING CONNECTION SCHEMATIC
M101 N.T.S.

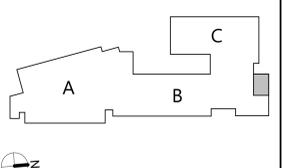


2 NEW WORK - BOILER ROOM EQUIPMENT & DUCT
M101 1/4" = 1'-0"



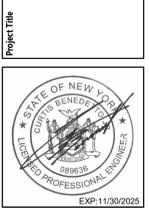
1 NEW WORK - BOILER ROOM PIPING
M101 1/4" = 1'-0"

KEY PLAN





**NYACK UFSD
UPPER NYACK ELEMENTARY SCHOOL
BOILER REPLACEMENT PROJECT**



NO.	DATE	DESCRIPTION	BY	APP.
1	01/13/2025	NO ADDENDUM 1		

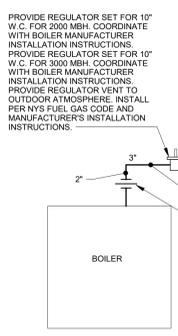
Drawn By: AN
Checked By: CB
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CSArch Proj. #: 226-2302-00
Issued for Bid: 12/16/2024

Sheet Title
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NEW WORK
PLAN**

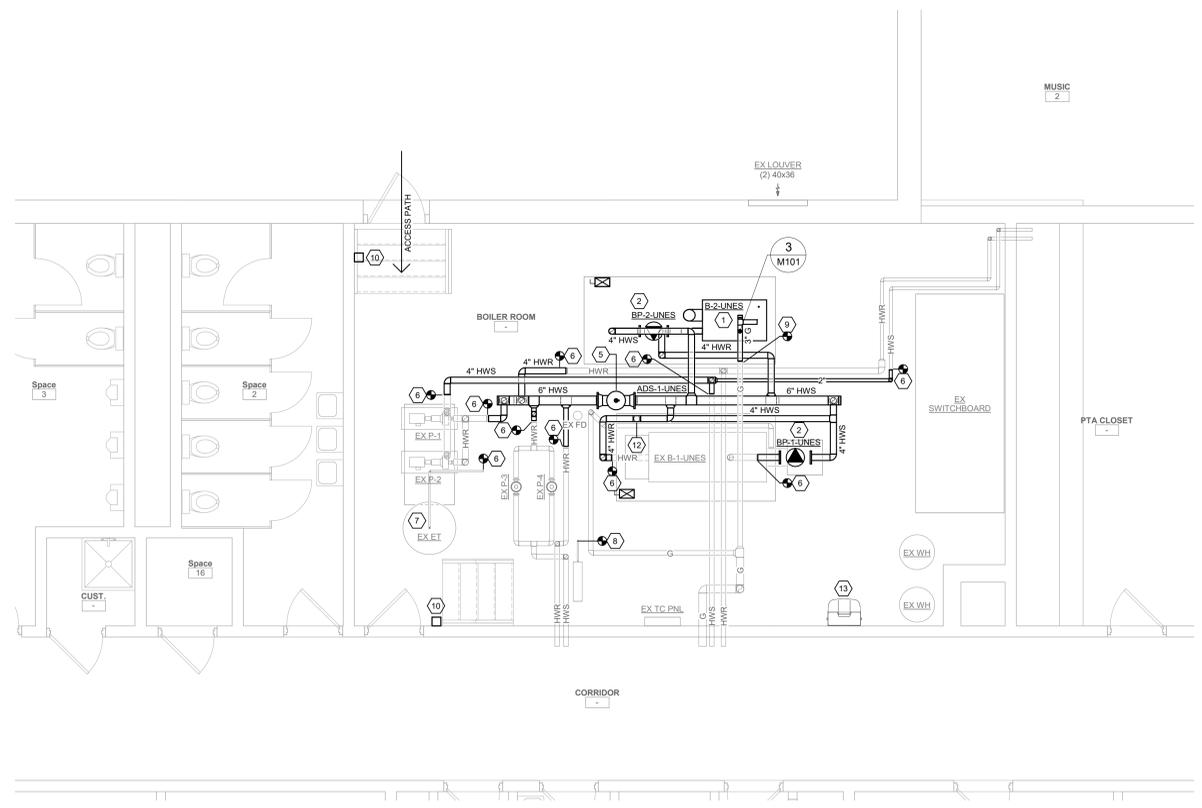
Sheet No.
**UNES
M101**
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 - PROVIDE 8" DIA. FLUE FROM BOILER UP THROUGH ROOF - TERMINATE MINIMUM 10'-0" ABOVE ROOF.
 - PROVIDE 8" DIA. GALVANIZED SHEETMETAL INTAKE DUCT PER SPECIFICATION 2331.13 FROM BOILER TO EXTERIOR OF BUILDING CORR-DRILL EXISTING EXTERIOR WALL FOR NEW PENETRATION. TERMINATE OPEN END WITH S.S. WIMS. PROVIDE 2" RIGID INSULATION PER SPECIFICATION.
 - PROVIDE 0" COMBINATION HYDRAULIC SEPARATOR, AIR ELIMINATOR, DIRT SEPARATOR WITH MAGNET INCLUDING ALL ASSOCIATED PIPING, VALVES, INSULATION, HANGERS AND SUPPORTS.
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 - PROVIDE GAS PIPING FROM POINT-OF-CONNECT TO EACH BOILER PER PIPING DETAIL.
 - BOILER EMERGENCY SHUTDOWN SWITCH; REFER TO ELECTRICAL DOCUMENTS.
 - PROVIDE SHEETMETAL CAP OVER EXISTING CHIMNEY OPENING AND SEAL WITH FIRE CAULK.
 - PROVIDE 3-WAY CONTROL VALVE PER PIPING SCHEMATIC.
 - PROVIDE WALL MOUNTED GRAVITY-FED EYEWASH STATION; BRADLEY MODEL S19-921. STATION SHALL MEET ANSI Z358.1 STANDARD. MOUNT STATION 40" AFF.



3
M101
GAS PIPING CONNECTION SCHEMATIC
N.T.S.

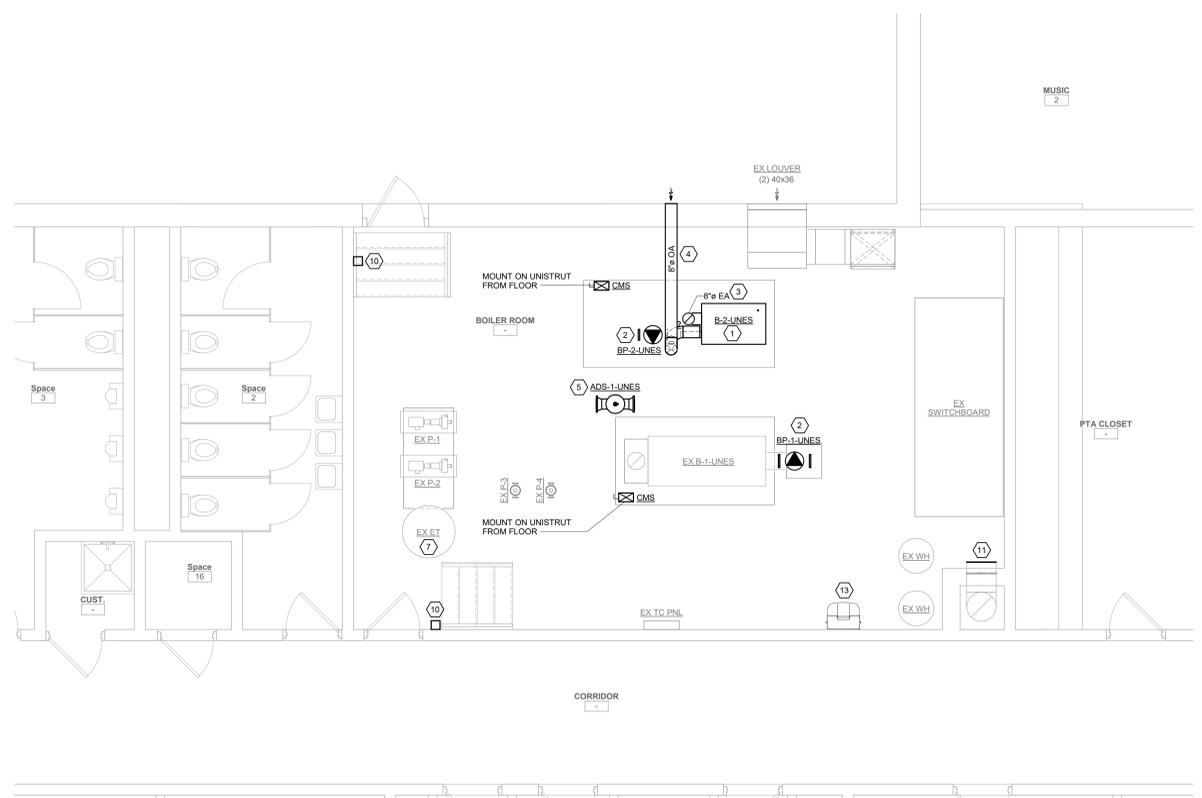


1
M101
NEW WORK - BOILER ROOM PIPING
1/4" = 1'-0"

COMBUSTION AIR SCHEDULE

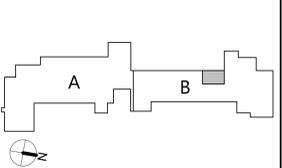
EQUIPMENT	TOTAL INPUT (BTUH)	REQ'D FREE AREA PER CODE (SQ. IN.)	FREE AREA PROVIDED (SQ. IN.)	REMARKS
NEW BOILER (B-2-LINES)	2,000,000	DIRECT VENT	DIRECT VENT	1
EXIST. BOILER (B-1-LINES)	3,620,000	905	1080	1
EXIST. WATER HEATER (EX WH)	40,000	10	40	1
EXIST. WATER HEATER (EX WH)	40,000	10	40	1

REMARKS:
1) FOR CONTROL OF COMBUSTION AIR DAMPERS, REFER TO SPECIFICATION SECTION 230993 - SEQUENCE OF OPERATIONS FOR HVAC CONTROL.



2
M101
NEW WORK - BOILER ROOM EQUIPMENT & DUCT
1/4" = 1'-0"

KEY PLAN



SECTION 004116.01 - BID FORM CONTRACT NO. 01 – Mechanical Construction (MC-01) –
REVISED BY BID ADDENDUM 1

BIDDER INFORMATION

CONTACT: _____

COMPANY: _____

ADDRESS: _____

TELEPHONE: (____) _____

FACSIMILE: (____) _____

BID TO (Owner): Attention: Purchasing Agent
Nyack Union Free School District
13A Dickinson Avenue
Nyack, New York 10960

PRIME CONTRACT: Contract No. 01 Mechanical Construction (MC-01)

PROJECT TITLE: Nyack Union Free School District
Boiler Replacements

SED Project Control No. **SED #50-03-04-03-0-006-017**
****SED #50-03-04-03-0-007-024****
****SED #50-03-04-03-1-005-010****

CSArch PROJECT NO: 226-2302

1. **Representations:** By making this Bid, the Bidder represents that:

The Bidder (identified above) hereby certifies that they have examined and fully understands the requirements and intent of the Bidding and Contract Documents, including Drawings, Project Manuals, and Addenda; and proposes to provide all labor, material, and equipment necessary to complete the Work on, or before, the dates specified in the Agreement for the Base Bid of:

2. **Base Bid:** _____ (\$ _____)
(Words) (Figures)

In all locations sums shall be expressed in both words and figures. In case of discrepancy, written word governs.

3. **Addenda:** The Bidder acknowledges receipt of the following Addendum:

No. _____ Dated: _____ No. _____ Dated: _____

4. **Alternates:**

ADD Alternate No. 1 (Contract MC-01): Provide temporary masonry opening along east elevation to Boiler Room B. Provide masonry infill to match once installation is complete within Boiler Room B at Hilltop Administration Building, where noted in drawings. Refer to drawings for additional information.

ADD to the BASE BID the sum of:

_____ (\$ _____)
(Words) (Figures)

Sums shall be expressed in both words and figures. In case of discrepancy, written words shall govern.

5. **Unit Prices:** None.
6. **Bid Security:** Attached hereto is Bid Security in the form of (circle correct form) Bid Bond, Certified Check, Cash in the amount of five percent (5%) of the written Base Bid amount.
7. **Allowances:** The Bidder affirms that all allowances listed in the Bidding Documents have been included in the Base Bid and include the overhead and profit for said Allowance. Refer to specification Section 012100 – Allowances for additional information.
- Allowance No. MC-01-01 (Contract No. MC-01):** Provide Lump Sum Mechanical Work Contingency Allowance for mechanical work at Liberty Elementary School, Upper Nyack Elementary School, and Hilltop Administration Building of \$50,000 Lump Sum.
8. **Time of Commencement and Completion:** The Bidder agrees to commence Work on the stipulated starting date(s) and will substantially complete the Work in accordance with the project schedule stipulated in Specification Section 011000 Summary of Work and Section 003113 Preliminary Schedule.
9. **Rejection of Bids:** The Bidder acknowledges that the Owner reserves the right to waive any informality in, or to reject any or all Bids.
10. **Execution of Contract:** If notice of the acceptance of this Bid is mailed, telegraphed, or

otherwise delivered to the undersigned within forty-five (45) days after the date of the Bid Opening, or any time thereafter, the undersigned will, within ten (10) working days after the receipt of the form of Agreement, execute and deliver the Contract.

11. **Site Visit:** By initialing at the end of this paragraph the Bidder acknowledges visiting the project Site as requested by the Bidding Documents.

(Name-Printed) (Initials)

12. **Signature:** _____
(Signature)

(Name – Printed)

(Title – Printed) (Date)

13. **Attachments:** As itemized in the "Instructions to Bidders" for a complete Bid Form include the following:

- a. Bid Form.
- b. Bid Security.
- c. Non-Collusion Affidavit.
- d. Iran Divestment Act.
- e. Corporate Resolution.
- f. NYS DOL – Certificate of Registration.

14. **Supplementary Bid Information:** If apparent lowest Bidder upon Bid Opening, submit in accordance with the "Instruction To Bidders" within three (3) working days the following:

- a. Contractor Statement of Qualifications – AIA Document A305.
- b. Proposed Subcontractor List.
- c. Proposed Equivalent List.
- d. Schedule of Values.
- e. Project Manager Resume.
- f. Bi-Weekly Material Equipment Status Report.

END OF SECTION 004116.01

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