

ADDENDUM

BID ADDENDUM NUMBER | 01

PROJECT NUMBER | 1910404.00

Date | 11/12/2021

OFFICE ADDRESS | KSQ DESIGN

PROJECT | Yorktown Central School District
District Wide Improvements 2020 Phase II

215 W 40th Street, 15th Floor |
New York, NY 10018 | 914.682.3700

NOTICE TO CONTRACTORS |

This Addendum issued prior to receipt of Bid shall and does hereby become a part of the Construction Documents for the above project.

All principal Contractors shall be responsible for seeing that their Subcontractors are properly apprised of the Contents of this Addendum.

All information contained in this Addendum shall supersede and shall take precedence over any conflicting information in the original Bidding Documents dated 10/25/2021 and all previous addenda.

All Contractors shall acknowledge receipt of this Addendum in the space provided in the Proposal Form. Failure to do so may subject Bidder to disqualification.

PRE-BID CONFERENCE

1.

A. CHANGES TO SPECIFICATIONS

1. 00 03 00 NOTICE TO BIDDERS
 - a. 1.3-C.2 Revise Bid Due Date to "Tuesday, November 30, 2021"
2. 00 03 10 BID FORM – GENERAL CONSTRUCTION CONTRACT
 - a. Add all GC Alternates listed in the Alternates Specification Section 012300.
3. ** BID BOND (AIA DOC. A310 FEB. 1970 EDITION)
 - a. Add all school building to the Project section.
4. ** STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR (AIA DOC. A132- 2009)
 - a. Add all school building to the Project section.
5. ** PERFORMANCE AND PAYMENT BONDS (AIA DOC. A312, 2010 EDITION)
 - a. Add all school building to the Project section.
6. 01 10 00 SUMMARY OF WORK
 - a. 1.4 – Add "Section 069100 – Interior Wood Restoration (Alternate GC-4A)", to the GC scope of work.
 - b. 1.5 – MC - Delete Special note # 4 in its entirety (No PCB caulk on project.)
7. 01 11 00 MILESTONE SCHEDULE
 - a. add note: **"GC Dryfall ceiling painting at Middle School Gym will be performed on second shift 3:00 pm – 11:00 pm at no additional cost to the owner to enable interior work by other trades to occur during the regular work hours."**
8. 01 31 50 - COVID-19 CONTRACTOR COMPLIANCE FOR CONSTRUCTION
 - a. Contractor Compliance, paragraph 1.1 item # 3, add to end of sentence:
"The Yorktown Central School District maintains strict COVID protocols. Each Monday

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morning at 7:00 am, all prime contractors are required to provide a listing of all construction personnel employed for their contract, whether employed by the prime contractor or subcontractor, who will be onsite that week and their status of vaccinated or non – vaccinated. The listing is to include, 1) The company the worker is employed by, 2) copy of proof of vaccination or 3) a weekly negative test result taken within 72 hours.

Any worker who tests positive for COVID 19 or comes in contact with someone who has tested positive for COVID 19 must follow established protocols per the CDC and NYS DOH. “

B. CHANGES TO DRAWINGS- SECURITY PROJECTS

GENERAL:

HAZMAT:

CIVIL:

STRUCTURAL:

ARCHITECTURAL:

Drawing MES – A110

- a. Plan view A1 - Remove “NIC” designation from Gymnasium. The exposed roof structure, ceiling, trusses and operable partition soffit are painted in Base Bid by GC. (Existing and New Ductwork are painted by MC)

MECHANICAL:

Drawing YHS – H501

- a. Add basis of design manufacturer and model to the Pump Schedule

Drawing MS – H501

- a. Add basis of design manufacturer and model to the Pump Schedule

ELECTRICAL:

PLUMBING:

C. CLARIFICATIONS

1. RFI Question: The spec shows 3 alternates (3A, B & C) for Mildred ES and 2 (4A&B) for Crompond. The GC bid form shows 2 alternates (3A & B). Please advise.
 - a. Refer to enclosed revised GC Bid Form
2. RFI Question: Please advise on the manufacturer of pumps YHS P3, MS P4 and MS P5.
 - a. MS Taco 1611, Schedule on MS -- H501 updated
 - b. YHS Taco 1615, Schedule on YHS -- H501 updated
3. RFI Question: Drawing MS-A111 indicates scope for alternate GC-3C, this is not shown on bid proposal form.
 - a. Refer to enclosed revised GC Bid Form
4. RFI Question: Drawing CES-A112 shows scope for alternates GC-4A and GC-4B, this is not shown on bid proposal form.
 - a. Refer to enclosed revised GC Bid Form

ADDENDUM

ENCLOSURES:

SPEC SECTIONS

00 03 10 BID FORM – GENERAL CONSTRUCTION CONTRACT

** BID BOND (AIA DOC. A310 FEB. 1970 EDITION)

** STANDARD FORM OF AGREEMENT BETWEEN OWNER AND CONTRACTOR (AIA DOC. A132- 2009)

** PERFORMANCE AND PAYMENT BONDS (AIA DOC. A312, 2010 EDITION)

SHEETS

GENERAL	CIVIL	STRUCT	ARCH	MECH	ELEC	PLUMB	FIRE PROT
				YHS-H501			
				MS-H501			

END OF ADDENDA 01

DRAFT AIA® Document A132™ - 2009

Standard Form of Agreement Between Owner and Contractor, Construction Manager as Adviser Edition

AGREEMENT made as of the « » day of « » in the year «2020 »
(In words, indicate day, month and year.)

BETWEEN the Owner:
(Name, legal status, address and other information)

Yorktown Central School District
2725 Crompond Rd.
Yorktown Heights, NY 10598
T. 914.243.8000

and the Contractor:
(Name, legal status, address and other information)

for the following Project:
(Name, location and detailed description)

DISTRICT-WIDE IMPROVEMENTS 2020 PHASE II

A.	Yorktown High School:	66-24-02-06-0-005-028
B.	Mildred E.S. Middle School:	66-24-02-06-0-007-027
C.	Brookside Elementary School:	66-24-02-06-0-002-020
D.	Mohansic Elementary School:	66-24-02-06-0-004-025
E.	Crompond Elementary School:	66-24-02-06-0-003-022

The Construction Manager:
(Name, legal status, address and other information)

Arris Contracting Company, Inc.
189 Smith Street
Poughkeepsic, NY 12601
T. 845.473.3600

The Architect:
(Name, legal status, address and other information)

KSQ Design
215 W 40th Street
15th floor
New York, NY 10018
T.914.600.4319

The Owner and Contractor agree as follows.

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

This document is intended to be used in conjunction with AIA Documents A232™-2009, General Conditions of the Contract for Construction, Construction Manager as Adviser Edition; B132™-2009, Standard Form of Agreement Between Owner and Architect, Construction Manager as Adviser Edition; and C132™-2009, Standard Form of Agreement Between Owner and Construction Manager as Adviser.

AIA Document A232™-2009 is adopted in this document by reference. Do not use with other general conditions unless this document is modified.

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TABLE OF ARTICLES

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- 5 PAYMENTS
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- 8 MISCELLANEOUS PROVISIONS
- 9 ENUMERATION OF CONTRACT DOCUMENTS
- 10 INSURANCE AND BONDS

ARTICLE 1 THE CONTRACT DOCUMENTS

The Contract Documents consist of this Agreement, Conditions of the Contract (General, Supplementary and other Conditions), Drawings, Specifications, Addenda issued prior to execution of this Agreement, other documents listed in this Agreement and Modifications issued after execution of this Agreement, all of which form the Contract, and are as fully a part of the Contract as if attached to this Agreement or repeated herein. The Contract represents the entire and integrated agreement between the parties hereto and supersedes prior negotiations, representations or agreements, either written or oral. An enumeration of the Contract Documents, other than Modifications, appears in Article 9.

ARTICLE 2 THE WORK OF THIS CONTRACT

The Contractor shall fully execute the Work described in the Contract Documents, except as specifically indicated in the Contract Documents to be the responsibility of others.

ARTICLE 3 DATE OF COMMENCEMENT AND SUBSTANTIAL COMPLETION

§ 3.1 The date of commencement of the Work shall be the date of this Agreement unless a different date is stated below or provision is made for the date to be fixed in a notice to proceed issued by the Owner.
(Insert the date of commencement, if it differs from the date of this Agreement or, if applicable, state that the date will be fixed in a notice to proceed.)

If, prior to the commencement of the Work, the Owner requires time to file mortgages, mechanics' liens and other security interests, the Owner's time requirement shall be as follows:

« »

§ 3.2 The Contract Time shall be measured from the date of commencement.

§ 3.3 The Contractor shall achieve Substantial Completion of the entire Work not later than « » (« ») days from the date of commencement, or as follows:
(Insert number of calendar days. Alternatively, a calendar date may be used when coordinated with the date of commencement. If appropriate, insert requirements for earlier Substantial Completion of certain portions of the Work.)

«As per Milestone Schedule Section 011100 »

Portion of the Work

Substantial Completion Date

, subject to adjustments of this Contract Time as provided in the Contract Documents.
(Insert provisions, if any, for liquidated damages relating to failure to achieve Substantial Completion on time or for bonus payments for early completion of the Work.)

« »

ARTICLE 4 CONTRACT SUM

§ 4.1 The Owner shall pay the Contractor the Contract Sum in current funds for the Contractor's performance of the Contract. The Contract Sum shall be one of the following:
(Check the appropriate box.)

- Stipulated Sum, in accordance with Section 4.2 below
- Cost of the Work plus the Contractor's Fee without a Guaranteed Maximum Price, in accordance with Section 4.3 below
- Cost of the Work plus the Contractor's Fee with a Guaranteed Maximum Price, in accordance with Section 4.4 below

(Based on the selection above, complete Section 4.2, 4.3 or 4.4 below. Based on the selection above, also complete either Section 5.1.4, 5.1.5 or 5.1.6 below.)

§ 4.2 Stipulated Sum

§ 4.2.1 The Stipulated Sum shall be « »), subject to additions and deletions as provided in the Contract Documents.

§ 4.2.2 The Stipulated Sum is based on the following alternates, if any, which are described in the Contract Documents and are hereby accepted by the Owner:
(State the numbers or other identification of accepted alternates. If the bidding or proposal documents permit the Owner to accept other alternates subsequent to the execution of this Agreement, attach a schedule of such other alternates showing the amount for each and the date when that amount expires.)

«none »

§ 4.2.3 Unit prices, if any:
(Identify and state the unit price, and state the quantity limitations, if any, to which the unit price will be applicable.)

Item	Units and Limitations	Price per Unit (\$0.00)

§ 4.2.4 Allowances included in the Stipulated Sum, if any:
(Identify allowance and state exclusions, if any, from the allowance price.)

Item	Allowance

ARTICLE 5 PAYMENTS

§ 5.1 Progress Payments

§ 5.1.1 Based upon Applications for Payment submitted to the Construction Manager by the Contractor, and upon certification of the Project Application and Project Certificate for Payment or Application for Payment and Certificate for Payment by the Construction Manager and Architect and issuance by the Architect, the Owner shall

make progress payments on account of the Contract Sum to the Contractor as provided below and elsewhere in the Contract Documents.

§ 5.1.2 The period covered by each Application for Payment shall be one calendar month ending on the last day of the month, or as follows:

« »

§ 5.1.3 Provided that an Application for Payment is received by the Construction Manager not later than the « 25th » day of a month, absent any defaults of the Contractor under the Contract Documents, the Owner shall make payment of the certified amount in the Application for Payment to the Contractor not later than the « last » day of the following month. If an Application for Payment is received by the Construction Manager after the application date fixed above, absent any defaults of the Contractor under the Contract Documents, payment shall be made by the Owner not later than « sixty » (« 60 ») days after issuance of a Certificate for Payment.
(Federal, state or local laws may require payment within a certain period of time.)

§ 5.1.4 Progress Payments Where the Contract Sum is Based on a Stipulated Sum

§ 5.1.4.1 Each Application for Payment shall be based on the most recent schedule of values submitted by the Contractor in accordance with the Contract Documents. The schedule of values shall allocate the entire Contract Sum among the various portions of the Work and be prepared in such form and supported by such data to substantiate its accuracy as the Construction Manager and Architect may require. This schedule, unless objected to by the Construction Manager or Architect, shall be used as a basis for reviewing the Contractor's Applications for Payment.

§ 5.1.4.2 Applications for Payment shall show the percentage of completion of each portion of the Work as of the end of the period covered by the Application for Payment.

§ 5.1.4.3 Subject to the provisions of the Contract Documents, the amount of each progress payment shall be computed as follows:

- .1 Take that portion of the Contract Sum properly allocable to completed Work as determined by multiplying the percentage completion of each portion of the Work by the share of the total Contract Sum allocated to that portion of the Work in the schedule of values, less retainage of « five » percent (« 5 » %). Pending final determination of cost to the Owner of changes in the Work, amounts not in dispute may be included as provided in Section 7.3.9 of the General Conditions;
- .2 Add that portion of the Contract Sum properly allocable to materials and equipment delivered and suitably stored at the site for subsequent incorporation in the completed construction (or, if approved in advance by the Owner, suitably stored off the site at a location agreed upon in writing), less retainage of « five » percent (« 5 » %);
- .3 Subtract the aggregate of previous payments made by the Owner; and
- .4 Subtract amounts, if any, for which the Construction Manager or Architect has withheld or nullified a Certificate for Payment as provided in Section 9.5 of the General Conditions.

§ 5.1.4.4 The progress payment amount determined in accordance with Section 5.1.4.3 shall be further modified under the following circumstances:

- .1 Add, upon Substantial Completion of the Work, a sum sufficient to increase the total payments to « Ninety-Five » percent (« 95 » %) of the Contract Sum, less such amounts as the Construction Manager recommends and the Architect determines for incomplete Work and unsettled claims; and
- .2 Add, if final completion of the Work is thereafter materially delayed through no fault of the Contractor, any additional amounts payable in accordance with Section 9.10.3 of the General Conditions.

§ 5.1.4.5 Reduction or limitation of retainage, if any, shall be as follows:

(If it is intended, prior to Substantial Completion of the entire Work, to reduce or limit the retainage resulting from the percentages inserted in Sections 5.1.4.3.1 and 5.1.4.3.2 above, and this is not explained elsewhere in the Contract Documents, insert here provisions for such reduction or limitation.)

§ 5.2 Final Payment

§ 5.2.1 Final payment, constituting the entire unpaid balance of the Contract Sum, shall be made by the Owner to the Contractor when

- .1 the Contractor has fully performed the Contract except for the Contractor's responsibility to correct Work as provided in Section 12.2 of AIA Document A232-2009, and to satisfy other requirements, if any, which extend beyond final payment;
- .2 the Contractor has submitted a final accounting for the Cost of the Work, pursuant to the Table of Contents CSI Format, Determination of the Cost of the Work when payment is on the basis of the Cost of the Work, with or without a Guaranteed Maximum payment; and
- .3 a final Certificate for Payment or Project Certificate for Payment has been issued by the Architect; such final payment shall be made by the Owner not more than 30 days after the issuance of the final Certificate for Payment or Project Certificate for Payment, or as follows:
- .4 all closeout paperwork per checklist

« »

ARTICLE 6 DISPUTE RESOLUTION

§ 6.1 Initial Decision Maker

The Architect will serve as Initial Decision Maker pursuant to Section 15.2 of AIA Document A232-2009, unless the parties appoint below another individual, not a party to this Agreement, to serve as Initial Decision Maker.

(If the parties mutually agree, insert the name, address and other contact information of the Initial Decision Maker, if other than the Architect.)

« »

« »

« »

« »

§ 6.2 Binding Dispute Resolution

For any Claim, the method of binding dispute resolution shall be as follows:

(Check the appropriate box. If the Owner and Contractor do not select a method of binding dispute resolution below, or do not subsequently agree in writing to a binding dispute resolution method other than litigation, Claims will be resolved by litigation in a court of competent jurisdiction.)

Arbitration pursuant to Section 15.4 of AIA Document A232-2009.

Litigation in a court of competent jurisdiction.

Other: *(Specify)*

« »

ARTICLE 7 TERMINATION OR SUSPENSION

§ 7.1 Where the Contract Sum is a Stipulated Sum

§ 7.1.1 The Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A232-2009.

§ 7.1.2 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A232-2009.

§ 7.2 Where the Contract Sum is Based on the Cost of the Work with or without a Guaranteed Maximum Price

§ 7.2.1 Subject to the provisions of Section 7.2.2 below, the Contract may be terminated by the Owner or the Contractor as provided in Article 14 of AIA Document A232-2009.

§ 7.2.2 The Contract may be terminated by the Owner for cause as provided in Article 14 of AIA Document A232-2009; however, the Owner shall then only pay the Contractor an amount calculated as follows:

- .1 Take the Cost of the Work incurred by the Contractor to the date of termination;
- .2 Add the Contractor's Fee computed upon the Cost of the Work to the date of termination at the rate stated in Sections 4.3.2 or 4.4.2, as applicable, or, if the Contractor's Fee is stated as a fixed sum, an amount that bears the same ratio to that fixed-sum Fee as the Cost of the Work at the time of termination bears to a reasonable estimate of the probable Cost of the Work upon its completion; and
- .3 Subtract the aggregate of previous payments made by the Owner.

§ 7.2.3 If the Owner terminates the Contract for cause when the Contract Sum is based on the Cost of the Work with a Guaranteed Maximum Price, and as provided in Article 14 of AIA Document A232-2009, the amount, if any, to be paid to the Contractor under Section 14.2.4 of AIA Document A232-2009 shall not cause the Guaranteed Maximum Price to be exceeded, nor shall it exceed the amount calculated in Section 7.2.2.

§ 7.2.4 The Owner shall also pay the Contractor fair compensation, either by purchase or rental at the election of the Owner, for any equipment owned by the Contractor that the Owner elects to retain and that is not otherwise included in the Cost of the Work under Section 7.2.1. To the extent that the Owner elects to take legal assignment of subcontracts and purchase orders (including rental agreements), the Contractor shall, as a condition of receiving the payments referred to in this Article 7, execute and deliver all such papers and take all such steps, including the legal assignment of such subcontracts and other contractual rights of the Contractor, as the Owner may require for the purpose of fully vesting in the Owner the rights and benefits of the Contractor under such subcontracts or purchase orders.

§ 7.2.5 The Work may be suspended by the Owner as provided in Article 14 of AIA Document A232-2009; in such case, the Contract Time may be increased as provided in Section 14.3.3 of AIA Document A232-2009.

ARTICLE 8 MISCELLANEOUS PROVISIONS

§ 8.1 Where reference is made in this Agreement to a provision of AIA Document A232-2009 or another Contract Document, the reference refers to that provision as amended or supplemented by other provisions of the Contract Documents.

§ 8.3 The Owner's representative:
(Name, address and other information)

Dennis Verboys
Yorktown Central School District

§ 8.4 The Contractor's representative:
(Name, address and other information)

« »
« »
« »
« »
« »
« »

§ 8.5 Neither the Owner's nor the Contractor's representative shall be changed without ten days written notice to the other party.

§ 8.6 Other provisions:

« »

ARTICLE 9 ENUMERATION OF CONTRACT DOCUMENTS

§ 9.1 The Contract Documents, except for Modifications issued after execution of this Agreement, are enumerated in the sections below.

§ 9.1.1 The Agreement is this executed AIA Document A132-2009, Standard Form of Agreement Between Owner and Contractor, Construction Manager as Adviser Edition.

§ 9.1.2 The General Conditions are, AIA Document A232–2009, General Conditions of the Contract for Construction, Construction Manager as Adviser Edition.

§ 9.1.3 The Supplementary and other Conditions of the Contract:

Document	Title	Date	Pages

§ 9.1.4 The Specifications:
(Either list the Specifications here or refer to an exhibit attached to this Agreement.)

« Exhibit A – Specifications table of contents »

Section	Title	Date	Pages

§ 9.1.5 The Drawings:
(Either list the Drawings here or refer to an exhibit attached to this Agreement.)

Exhibit B – List of Drawings

Number	Title	Date

§ 9.1.6 The Addenda, if any:

Number	Date	Pages

Portions of Addenda relating to bidding requirements are not part of the Contract Documents unless the bidding requirements are also enumerated in this Article 9.

§ 9.1.7 Additional documents, if any, forming part of the Contract Documents are:

- .1 AIA Document A132™–2009, Exhibit A, Determination of the Cost of the Work, if applicable.
- .2 AIA Document E201™–2007, Digital Data Protocol Exhibit, if completed, or the following:

« »

- .3 AIA Document E202™–2008, Building Information Modeling Protocol Exhibit, if completed, or the following:

« »

- .4 Other documents, if any, listed below:

(List here any additional documents which are intended to form part of the Contract Documents. AIA Document A232–2009 provides that bidding requirements such as advertisement or invitation to bid, Instructions to Bidders, sample forms and the Contractor’s bid are not part of the Contract Documents unless enumerated in this Agreement. They should be listed here only if intended to be part of the Contract Documents.)

Exhibit C - Bidding Documents (Drawings & Table of Contents)

ARTICLE 10 INSURANCE AND BONDS

The Contractor shall purchase and maintain insurance and provide bonds as set forth in Article 11 of AIA Document A232–2009.

(State bonding requirements, if any, and limits of liability for insurance required in Article 11 of AIA Document A232–2009.)

Type of Insurance or Bond	Limit of Liability or Bond Amount (\$0.00)
Exhibit D – Additional Insurance	

This Agreement is entered into as of the day and year first written above.

OWNER (Signature)

« »« »

(Printed name and title)

CONTRACTOR (Signature)

« »« »

(Printed name and title)



DRAFT AIA[®] Document A312[™] - 2010

Performance Bond

CONTRACTOR:

(Name, legal status and address)

« »
« »

SURETY:

(Name, legal status and principal place of business)

« »
« »

OWNER:

(Name, legal status and address)

« Yorktown Central School District »
« 2725 Crompond Road »
« Yorktown Heights, NY 10598 »

CONSTRUCTION CONTRACT

Date: « »

Amount: \$ « »

Description:

(Name and location)

Yorktown Central School District
District-Wide Improvements 2020 Phase II

- | | | |
|----|------------------------------|-----------------------|
| A. | Yorktown High School: | 66-24-02-06-0-005-028 |
| B. | Mildred E.S. Middle School: | 66-24-02-06-0-007-027 |
| C. | Brookside Elementary School: | 66-24-02-06-0-002-020 |
| D. | Mohansic Elementary School: | 66-24-02-06-0-004-025 |
| E. | Crompond Elementary School: | 66-24-02-06-0-003-022 |

BOND

Date:

(Not earlier than Construction Contract Date)

« »

Amount: \$ « »

Modifications to this Bond: None See Section 16

CONTRACTOR AS PRINCIPAL

Company: (Corporate Seal)

Signature:

Name and « »
Title:

(Any additional signatures appear on the last page of this Performance Bond.)

SURETY

Company: (Corporate Seal)

Signature:

Name and « »
Title:

(FOR INFORMATION ONLY — Name, address and telephone)

AGENT or BROKER:

« »
« »
« »

OWNER'S REPRESENTATIVE:

(Architect, Engineer or other party:)

« »
« »
« »
« »
« »
« »

ADDITIONS AND DELETIONS:

The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

§ 1 The Contractor and Surety, jointly and severally, bind themselves, their heirs, executors, administrators, successors and assigns to the Owner for the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 If the Contractor performs the Construction Contract, the Surety and the Contractor shall have no obligation under this Bond, except when applicable to participate in a conference as provided in Section 3.

§ 3 If there is no Owner Default under the Construction Contract, the Surety's obligation under this Bond shall arise after

- .1 the Owner first provides notice to the Contractor and the Surety that the Owner is considering declaring a Contractor Default. Such notice shall indicate whether the Owner is requesting a conference among the Owner, Contractor and Surety to discuss the Contractor's performance. If the Owner does not request a conference, the Surety may, within five (5) business days after receipt of the Owner's notice, request such a conference. If the Surety timely requests a conference, the Owner shall attend. Unless the Owner agrees otherwise, any conference requested under this Section 3.1 shall be held within ten (10) business days of the Surety's receipt of the Owner's notice. If the Owner, the Contractor and the Surety agree, the Contractor shall be allowed a reasonable time to perform the Construction Contract, but such an agreement shall not waive the Owner's right, if any, subsequently to declare a Contractor Default;
- .2 the Owner declares a Contractor Default, terminates the Construction Contract and notifies the Surety; and
- .3 the Owner has agreed to pay the Balance of the Contract Price in accordance with the terms of the Construction Contract to the Surety or to a contractor selected to perform the Construction Contract.

§ 4 Failure on the part of the Owner to comply with the notice requirement in Section 3.1 shall not constitute a failure to comply with a condition precedent to the Surety's obligations, or release the Surety from its obligations, except to the extent the Surety demonstrates actual prejudice.

§ 5 When the Owner has satisfied the conditions of Section 3, the Surety shall promptly and at the Surety's expense take one of the following actions:

§ 5.1 Arrange for the Contractor, with the consent of the Owner, to perform and complete the Construction Contract;

§ 5.2 Undertake to perform and complete the Construction Contract itself, through its agents or independent contractors;

§ 5.3 Obtain bids or negotiated proposals from qualified contractors acceptable to the Owner for a contract for performance and completion of the Construction Contract, arrange for a contract to be prepared for execution by the Owner and a contractor selected with the Owner's concurrence, to be secured with performance and payment bonds executed by a qualified surety equivalent to the bonds issued on the Construction Contract, and pay to the Owner the amount of damages as described in Section 7 in excess of the Balance of the Contract Price incurred by the Owner as a result of the Contractor Default; or

§ 5.4 Waive its right to perform and complete, arrange for completion, or obtain a new contractor and with reasonable promptness under the circumstances:

- .1 After investigation, determine the amount for which it may be liable to the Owner and, as soon as practicable after the amount is determined, make payment to the Owner; or
- .2 Deny liability in whole or in part and notify the Owner, citing the reasons for denial.

§ 6 If the Surety does not proceed as provided in Section 5 with reasonable promptness, the Surety shall be deemed to be in default on this Bond seven days after receipt of an additional written notice from the Owner to the Surety demanding that the Surety perform its obligations under this Bond, and the Owner shall be entitled to enforce any remedy available to the Owner. If the Surety proceeds as provided in Section 5.4, and the Owner refuses the payment or the Surety has denied liability, in whole or in part, without further notice the Owner shall be entitled to enforce any remedy available to the Owner.

§ 7 If the Surety elects to act under Section 5.1, 5.2 or 5.3, then the responsibilities of the Surety to the Owner shall not be greater than those of the Contractor under the Construction Contract, and the responsibilities of the Owner to the Surety shall not be greater than those of the Owner under the Construction Contract. Subject to the commitment by the Owner to pay the Balance of the Contract Price, the Surety is obligated, without duplication, for

- .1 the responsibilities of the Contractor for correction of defective work and completion of the Construction Contract;
- .2 additional legal, design professional and delay costs resulting from the Contractor's Default, and resulting from the actions or failure to act of the Surety under Section 5; and
- .3 liquidated damages, or if no liquidated damages are specified in the Construction Contract, actual damages caused by delayed performance or non-performance of the Contractor.

§ 8 If the Surety elects to act under Section 5.1, 5.3 or 5.4, the Surety's liability is limited to the amount of this Bond.

§ 9 The Surety shall not be liable to the Owner or others for obligations of the Contractor that are unrelated to the Construction Contract, and the Balance of the Contract Price shall not be reduced or set off on account of any such unrelated obligations. No right of action shall accrue on this Bond to any person or entity other than the Owner or its heirs, executors, administrators, successors and assigns.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 Any proceeding, legal or equitable, under this Bond may be instituted in any court of competent jurisdiction in the location in which the work or part of the work is located and shall be instituted within two years after a declaration of Contractor Default or within two years after the Contractor ceased working or within two years after the Surety refuses or fails to perform its obligations under this Bond, whichever occurs first. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the page on which their signature appears.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 14 Definitions

§ 14.1 **Balance of the Contract Price.** The total amount payable by the Owner to the Contractor under the Construction Contract after all proper adjustments have been made, including allowance to the Contractor of any amounts received or to be received by the Owner in settlement of insurance or other claims for damages to which the Contractor is entitled, reduced by all valid and proper payments made to or on behalf of the Contractor under the Construction Contract.

§ 14.2 **Construction Contract.** The agreement between the Owner and Contractor identified on the cover page, including all Contract Documents and changes made to the agreement and the Contract Documents.

§ 14.3 **Contractor Default.** Failure of the Contractor, which has not been remedied or waived, to perform or otherwise to comply with a material term of the Construction Contract.

§ 14.4 **Owner Default.** Failure of the Owner, which has not been remedied or waived, to pay the Contractor as required under the Construction Contract or to perform and complete or comply with the other material terms of the Construction Contract.

§ 14.5 **Contract Documents.** All the documents that comprise the agreement between the Owner and Contractor.

§ 15 If this Bond is issued for an agreement between a Contractor and subcontractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

§ 16 Modifications to this bond are as follows:

« »

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

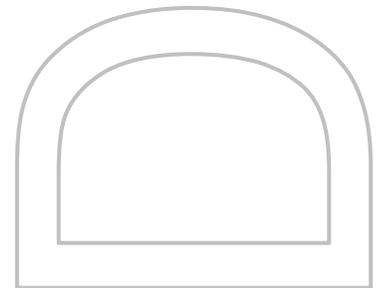
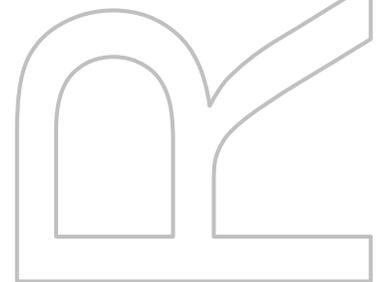
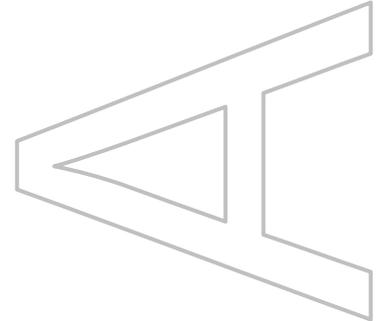
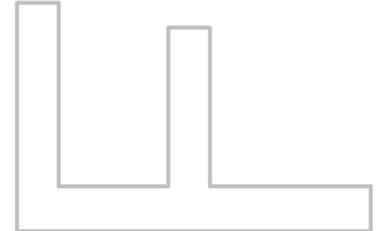
SURETY

Company: _____ (Corporate Seal)

Company: _____ (Corporate Seal)

Signature: _____
Name and Title: « »« »
Address: « »

Signature: _____
Name and Title: « »« »
Address: « »



Payment Bond

CONTRACTOR (Name and Address):

[Redacted]

SURETY (Name and Principal Place of Business):

[Redacted]

OWNER (Name and Address):

[Redacted]

CONSTRUCTION CONTRACT

Date:

Amount:

Description (Name and Location):

[Redacted]

BOND

Date (Not earlier than Construction Contract Date):

Amount:

Modifications to this Bond: None See Last Page

CONTRACTOR AS PRINCIPAL

Company: (Corporate Seal)

SURETY

Company: (Corporate Seal)

Signature: _____

Name and Title: [Redacted]
(Any additional signatures appear on the last page)

Signature: _____

Name and Title: [Redacted]

(FOR INFORMATION ONLY - Name, Address and Telephone)

AGENT or BROKER:

[Redacted]

OWNER'S REPRESENTATIVE (Architect, Engineer or other party):

[Redacted]

§ 1 The Contractor and the Surety, jointly and severally bind themselves, their heirs, executors, administrators, successors and assigns to the Owner to pay for labor, materials and equipment furnished for use in the performance of the Construction Contract, which is incorporated herein by reference.

§ 2 With respect to the Owner, this obligation shall be null and void if the Contractor:

§ 2.1 Promptly makes payment, directly or indirectly, for all sums due Claimants, and

§ 2.2 Defends, indemnifies and holds harmless the Owner from claims, demands, liens or suits by any person or entity whose claim, demand, lien or suit is for the payment for labor, materials or equipment furnished for use in the performance of the Construction Contract, provided the Owner has promptly notified the Contractor and the Surety (at the address described in Section 12) of any claims, demands, liens or suits and tendered defense of such claims, demands, liens or suits to the Contractor and the Surety, and provided there is no Owner Default.

§ 3 With respect to Claimants, this obligation shall be null and void if the Contractor promptly makes payment, directly or indirectly, for all sums due.

§ 4 The Surety shall have no obligation to Claimants under this Bond until:

§ 4.1 Claimants who are employed by or have a direct contract with the Contractor have given notice to the Surety (at the address described in Section 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and, with substantial accuracy, the amount of the claim.

§ 4.2 Claimants who do not have a direct contract with the Contractor:

- .1 Have furnished written notice to the Contractor and sent a copy, or notice thereof, to the Owner, within 90 days after having last performed labor or last furnished materials or equipment included in the claim stating, with substantial accuracy, the amount of the claim and the name of the party to whom the materials were furnished or supplied or for whom the labor was done or performed; and
- .2 Have either received a rejection in whole or in part from the Contractor, or not received within 30 days of furnishing the above notice any communication from the Contractor by which the Contractor has indicated the claim will be paid directly or indirectly; and
- .3 Not having been paid within the above 30 days, have sent a written notice to the Surety (at the address described in Section 12) and sent a copy, or notice thereof, to the Owner, stating that a claim is being made under this Bond and enclosing a copy of the previous written notice furnished to the Contractor.

§ 5 If a notice required by Section 4 is given by the Owner to the Contractor or to the Surety, that is sufficient compliance.

§ 6 When the Claimant has satisfied the conditions of Section 4, the Surety shall promptly and at the Surety's expense take the following actions:

§ 6.1 Send an answer to the Claimant, with a copy to the Owner, within 45 days after receipt of the claim, stating the amounts that are undisputed and the basis for challenging any amounts that are disputed.

§ 6.2 Pay or arrange for payment of any undisputed amounts.

§ 7 The Surety's total obligation shall not exceed the amount of this Bond, and the amount of this Bond shall be credited for any payments made in good faith by the Surety.

§ 8 Amounts owed by the Owner to the Contractor under the Construction Contract shall be used for the performance of the Construction Contract and to satisfy claims, if any, under any Construction Performance Bond. By the Contractor furnishing and the Owner accepting this Bond, they agree that all funds earned by the Contractor in the performance of the Construction Contract are dedicated to satisfy obligations of the Contractor and the Surety under this Bond, subject to the Owner's priority to use the funds for the completion of the work.

§ 9 The Surety shall not be liable to the Owner, Claimants or others for obligations of the Contractor that are unrelated to the Construction Contract. The Owner shall not be liable for payment of any costs or expenses of any Claimant under this Bond, and shall have under this Bond no obligations to make payments to, give notices on behalf of, or otherwise have obligations to Claimants under this Bond.

§ 10 The Surety hereby waives notice of any change, including changes of time, to the Construction Contract or to related subcontracts, purchase orders and other obligations.

§ 11 No suit or action shall be commenced by a Claimant under this Bond other than in a court of competent jurisdiction in the location in which the work or part of the work is located or after the expiration of one year from the date (1) on which the Claimant gave the notice required by Section 4.1 or Section 4.2.3, or (2) on which the last labor or service was performed by anyone or the last materials or equipment were furnished by anyone under the Construction Contract, whichever of (1) or (2) first occurs. If the provisions of this Paragraph are void or prohibited by law, the minimum period of limitation available to sureties as a defense in the jurisdiction of the suit shall be applicable.

§ 12 Notice to the Surety, the Owner or the Contractor shall be mailed or delivered to the address shown on the signature page. Actual receipt of notice by Surety, the Owner or the Contractor, however accomplished, shall be sufficient compliance as of the date received at the address shown on the signature page.

§ 13 When this Bond has been furnished to comply with a statutory or other legal requirement in the location where the construction was to be performed, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. The intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

§ 14 Upon request by any person or entity appearing to be a potential beneficiary of this Bond, the Contractor shall promptly furnish a copy of this Bond or shall permit a copy to be made.

§ 15 DEFINITIONS

§ 15.1 Claimant: An individual or entity having a direct contract with the Contractor or with a subcontractor of the Contractor to furnish labor, materials or equipment for use in the performance of the Contract. The intent of this Bond shall be to include without limitation in the terms "labor, materials or equipment" that part of water, gas, power, light, heat, oil, gasoline, telephone service or rental equipment used in the Construction Contract, architectural and engineering services required for performance of the work of the Contractor and the Contractor's subcontractors, and all other items for which a mechanic's lien may be asserted in the jurisdiction where the labor, materials or equipment were furnished.

§ 15.2 Construction Contract: The agreement between the Owner and the Contractor identified on the signature page, including all Contract Documents and changes thereto.

§ 15.3 Owner Default: Failure of the Owner, which has neither been remedied nor waived, to pay the Contractor as required by the Construction Contract or to perform and complete or comply with the other terms thereof.

§ 16 MODIFICATIONS TO THIS BOND ARE AS FOLLOWS:

[Redacted area]

(Space is provided below for additional signatures of added parties, other than those appearing on the cover page.)

CONTRACTOR AS PRINCIPAL

SURETY

Company: (Corporate Seal)

Company: (Corporate Seal)

Signature: _____
Name and Title: [Redacted]
Address: [Redacted]

Signature: _____
Name and Title: [Redacted]
Address: [Redacted]

SECTION 00 03 10 - GC BID FORM

CONTRACT #1 – GENERAL WORK CONSTRUCTION PROPOSAL:

Bidding Firm Name

To The Board of Education,

The undersigned hereby proposes to furnish all labor, materials, devices, appliances, supplies, equipment, services and other facilities necessary to complete all of the work of the above referenced Contract for the **Yorktown Central School District**, Yorktown Heights, New York, as required by, and in accordance with, the provisions of the Instructions to Bidders, the Supplementary Instructions to Bidders, the Conditions of the Contract, the Drawings and Specifications, all as prepared by KSQ Architects, P.C., designated as the Architect's Project Number 1910404.00, and dated **October 25, 2021**; and that, if this Proposal is accepted, the Undersigned agrees to enter into an Agreement with the owner to perform this work for the lump sum of:

_____ Dollars & No Cents (\$_____ .00)

herein referred to as the Base Bid.

ALLOWANCES:

The undersigned Contractor has included the Allowances as specified in Section 01 21 00 in their Base Bid.

UNIT PRICE: NONE NOTED

ALTERNATES: AS NOTED IN SPEC SECTION 01 23 00

Add Alternate GC-3A: _____ Dollars \$ No Cents (\$_____ .00)

Add Alternate GC-3B: _____ Dollars \$ No Cents (\$_____ .00)

Add Alternate GC-3C: _____ Dollars \$ No Cents (\$_____ .00)

Add Alternate GC-4A: _____ Dollars \$ No Cents (\$_____ .00)

Add Alternate GC-4B: _____ Dollars \$ No Cents (\$_____ .00)

ADDENDA:

The undersigned acknowledges the receipt of the following addenda:

Addendum Number	Date	Addendum Number	Date
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

The Undersigned understands that the Owner reserves the right to accept or reject any or all proposals, but that if notice of the acceptance of the above Proposal is sent via United States Postal Service or any other overnight carrier, with signature required, to the Undersigned within sixty (60) days after the formal opening of Bids or anytime thereafter before this Proposal is withdrawn, the Undersigned will enter into, execute, and deliver a Contract within five (5) days after the date of said notification.

TIME OF COMPLETION:

The Undersigned agrees in the Base Bid to complete the work as per the Milestone Schedule provided in Specifications.

CLOSING: (signature) _____

DATE: _____

BY: _____

TITLE: _____

FIRM: _____

ADDRESS: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

CONTACT PERSON: _____

E-MAIL: _____

Submit Bid Form in duplicate.

END OF SECTION 00 03 10

Bid Bond

CONTRACTOR:

(Name, legal status and address)

« »« »
« »

SURETY:

(Name, legal status and principal place of business)

« »« »
« »

OWNER:

(Name, legal status and address)

Yorktown Central School District
2725 Crompond Road
Yorktown Heights, NY 10598

BOND AMOUNT: \$ « »

PROJECT:

(Name, location or address, and Project number, if any)

Yorktown Central School District
District-Wide Improvements 2020 Phase II

- A. Yorktown High School: 66-24-02-06-0-005-028
- B. Mildred E.S. Middle School: 66-24-02-06-0-007-027
- C. Brookside Elementary School: 66-24-02-06-0-002-020
- D. Mohansic Elementary School: 66-24-02-06-0-004-025
- E. Crompond Elementary School: 66-24-02-06-0-003-022

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

ADDITIONS AND DELETIONS:
The author of this document has added information needed for its completion. The author may also have revised the text of the original AIA standard form. An *Additions and Deletions Report* that notes added information as well as revisions to the standard form text is available from the author and should be reviewed.

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

ELECTRONIC COPYING of any portion of this AIA® Document to another electronic file is prohibited and constitutes a violation of copyright laws as set forth in the footer of this document.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this « » day of « », « »

(Witness)

(Witness)

« »

(Contractor as Principal) (Seal)

« »

(Title)

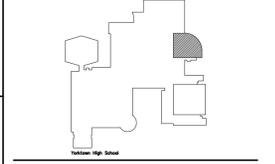
« »

(Surety) (Seal)

« »

(Title)





DISTRICT WIDE IMPROVEMENTS 2020 PHASE II

**YORKTOWN HIGH SCHOOL
 2727 CROMPOND RD.
 YORKTOWN HEIGHTS, NY 10598**

REVISIONS

No.	Description	Date
1	ADDENDUM NO.1	11/12/2021

ISSUED: BID ISSUE

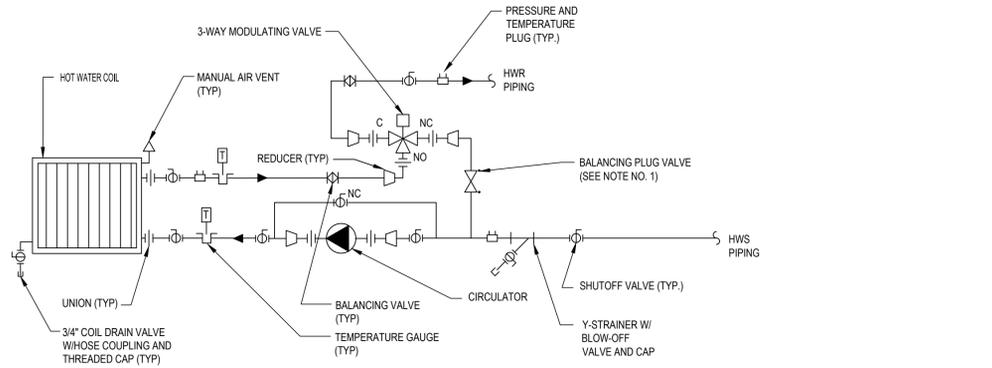
DATE: 10/25/2021

SCALE: AS NOTED

SHEET NAME: DETAILS & SCHEDULES

SHEET NUMBER:

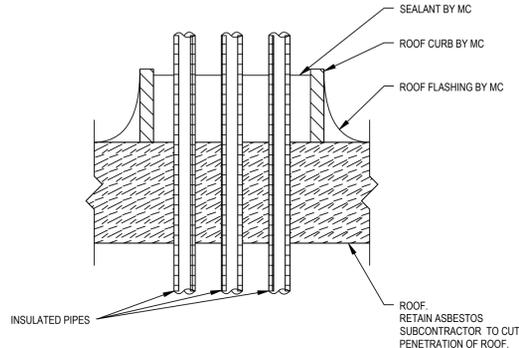
YHS-H501



SEQUENCE OF OPERATION
 1. PUMP STARTS ON CALL FOR HEAT AND 3-WAY VALVE SHALL MODULATE TO MAINTAIN SPACE TEMPERATURE WITHOUT CYCLING.
 2. FREEZE PROTECTION OVERRIDE, OF O.A. TEMPERATURE <35° PUMP IS ON 3-WAY OPENS TO BYPASS IF NOT HEATING.

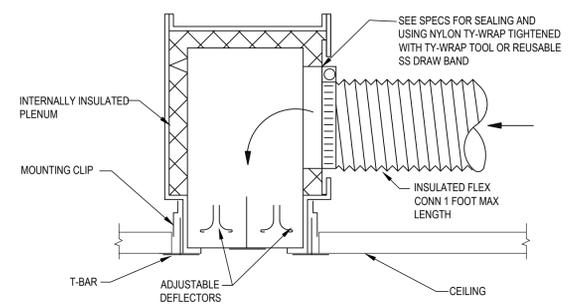
NOTE
 1. SET BALANCING VALVES TO EQUAL THE PRESSURE DROP ACROSS THE HYDRONIC COIL.

2 3-WAY COIL DETAIL
 VHS-H501 SCALE: NOT TO SCALE



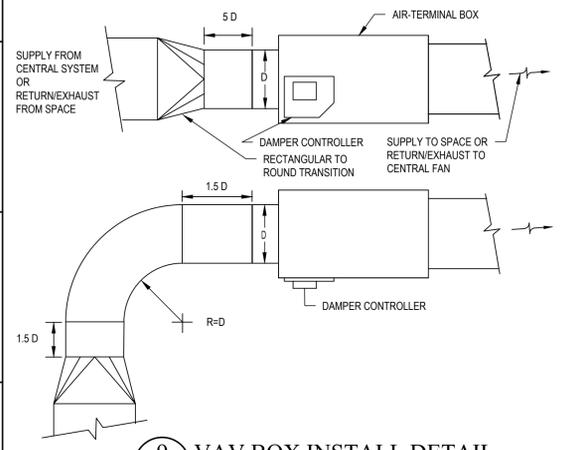
3 ROOF PIPING PENETRATION DETAIL
 VHS-H501 SCALE: NOT TO SCALE

NOTE
 1. OFFSETS WITH FLEX DUCT SHALL NOT EXCEED 30° AND SHALL BE GRADUAL. OFFSETS IN EXCESS OF 30° SHALL BE HARD DUCTED.
 2. FLEX DUCT SHALL NOT HAVE MORE THAN 1/2" SAG/FT. FOR PERIMETER DIFFUSERS LOCATE DISTANCE FROM OUTSIDE WALL SHOWN ON ARCH PLANS.
 4. CONNECTION TO MAIN DUCT SHALL BE HARD DUCT TRANSITION AND VOLUME DAMPER.

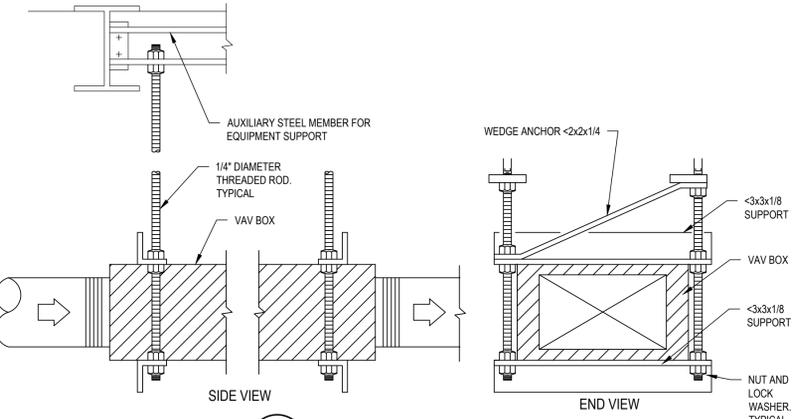


5 LINEAR SLOT DIFFUSER DETAIL
 VHS-H501 SCALE: NOT TO SCALE

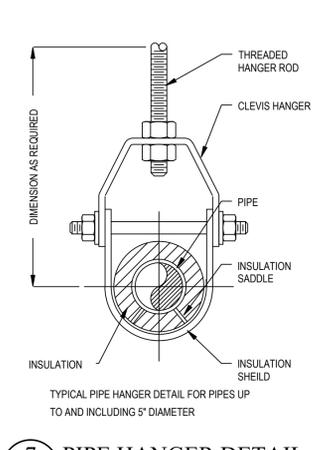
4 NOT USED
 VHS-H501 SCALE: NOT TO SCALE



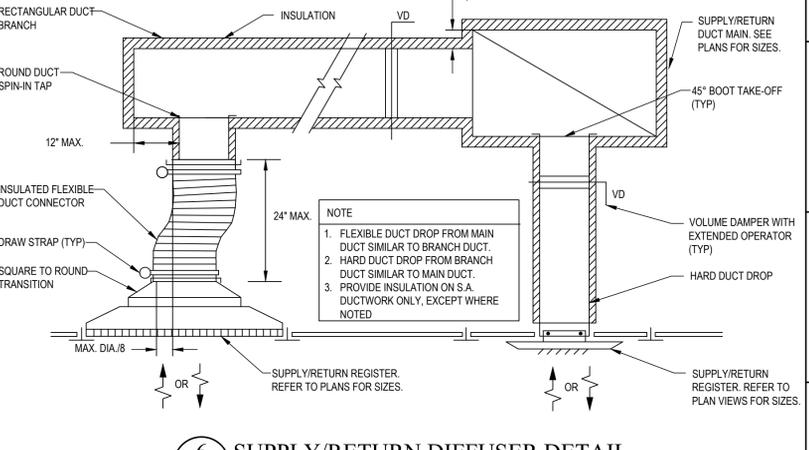
9 VAV BOX INSTALL DETAIL
 VHS-H501 SCALE: NOT TO SCALE



8 VAV BOX SUPPORT DETAIL
 VHS-H501 SCALE: NOT TO SCALE



7 PIPE HANGER DETAIL
 VHS-H501 SCALE: NOT TO SCALE



6 SUPPLY/RETURN DIFFUSER DETAIL
 VHS-H501 SCALE: NOT TO SCALE

NOTE
 1. FLEXIBLE DUCT DROP FROM MAIN DUCT SIMILAR TO BRANCH DUCT.
 2. HARD DUCT DROP FROM BRANCH DUCT SIMILAR TO MAIN DUCT.
 3. PROVIDE INSULATION ON S.A. DUCTWORK ONLY, EXCEPT WHERE NOTED.

PUMP SCHEDULE

TAG	SERVICE	TYPE	FLUID	GPM	HEAD	RPM	ELECTRICAL		DISCONNECT			BASIS OF DESIGN	MODEL
							HP	VOLTS/PH/HZ	TYPE	FURNISHED BY	INSTALLED BY		
P-3	RTU-3	IN-LINE CIRC.	HW	35	23	1725	3/4	120/1/60	COMB STARTER	EC	EC	TACO	1615

CEILING DIFFUSER SCHEDULE

MARK	USE	TYPE	PATTERN	CORE STYLE	DUCT SIZE	PERFORMANCE				MOUNTING	FRAME	MATERIAL	FINISH	MAKE/MODEL
						CFM	TP	THROW	MAX. NC					
S1	SUPPLY	HIGH THROW	1-WAY	2G	18"	-	-	-	-	DUCT	-	STEEL	WHITE	MODEL RCD
S2	SUPPLY	DIRECTIONAL LOUVERED FACE	4-WAY	4A	12"	-	-	-	-	24/24 LAY-IN	3P	STEEL	WHITE	MODEL SPD
S3	SUPPLY	LINEAR SLOT DIFFUSER	1-WAY	1S	10"	-	-	-	-	48"	3P	STEEL	WHITE	MODEL SDS
R1	RETURN	DIRECTIONAL LOUVERED FACE	1-WAY	-	24/24	1375	-	-	-	24/24 PLENUM	3P	STEEL	WHITE	MODEL 96FH
R2	RETURN	DIRECTIONAL LOUVERED FACE	1-WAY	1S	12"	-	-	-	-	24/24 LAY-IN	3P	STEEL	WHITE	MODEL PDDR
R3	RETURN	DIRECTIONAL LOUVERED FACE	1-WAY	1S	18"	-	-	-	-	24/24 LAY-IN	3P	STEEL	WHITE	MODEL PDDR

VENTILATION REQUIREMENTS

Space Designation	Area Area SF	Occupants		Ventilation Required		Uncorrected Ventilation	Efficiency Factor	Corrected CFM
		/1000 SF	Total	Per Occup.	Per SF			
HS Cafeteria	4,330	85	368	7.50	0.18	3,540	80%	4,430
HS Servery	1,660	12	20	7.50	0.18	450	80%	560
Total	5,990		388			3,990	80%	4,990

ROOFTOP UNIT SCHEDULE

TAG	SERVICE	TYPE	AIRFLOW (CFM)	OUTSIDE AIR (CFM)	SUPPLY FAN				EXHAUST FAN				CAPACITY				DX COOLING				HOT WATER HEATING COIL				ELECTRICAL											
					ESP (IN. WG)	TOTAL SP (IN. WG)	FAN TYPE	DRIVE	HP	ESP (IN. WG)	TOTAL SP (IN. WG)	FAN TYPE	DRIVE	HP	IEER	NOMINAL TONNAGE	TOTAL (MBH)	SENS. (MBH)	LAT. (MBH)	DRY BULB (°F)	WET BULB (°F)	DRY BULB (°F)	WET BULB (°F)	ENTERING AIR DRY BULB (°F)	LEAVING AIR DRY BULB (°F)	MBH	SOURCE	GPM	WATER PRESS DROP (FT)	EWT	LWT	FLA	MCA	MOP	MOTOR VOL/PH/HZ	BASIS OF DESIGN
RTU-3	CAFETERIA	RTU	9,200	5,000	2.5	4.0	PLENUM	VFD	15	1.0	1.15	AXIAL	VFD	5	12	38	448	298	150	84	69	55	55	34	89	584	HEATING HOT WATER	40	1.5	180	150	197	208	250	208/3/60	AAON

NOTES:
 1. PROVIDE 2 STAGE FILTER, 2" MERV-8 & 4" MERV-14
 2. PROVIDE SMOKE DETECTOR IN RETURN
 3. VFD TO BE MOUNTED INTERNALLY BY MANUFACTURER
 4. PROVIDE FACTORY WIRED 115V CONVENIENCE OUTLET
 5. PROVIDE NON-FUSED DISCONNECT SWITCH
 6. PROVIDE WITH ECONOMIZER O.A. CAPABILITY
 7. PROVIDE WITH STAINLESS STEEL DRAIN PAN
 8. HEATING DESIGN CONDITIONS ARE AS FOLLOWS:
 8.1. O.A. TEMP 9°F DB, -1°F WB
 8.2. R.A. TEMP 75°F DB, 62°F WB