

ADDENDUM No. 2 – March 27, 2026

PART 1 - GENERAL

Note: All Addenda must be acknowledged on the bid form.

This addendum modifies, amends, and supplements designated parts of the Contract Documents for the above project and is hereby made part thereof by reference and shall be as binding as though inserted in locations designated hereunder.

It shall be the responsibility of the bidders to notify all subcontractors and suppliers he proposes to use for the various parts of the work for any changes or modifications contained in this addendum. No claim for additional compensation because of lack of knowledge of the contents of this addendum will be considered.

PART 2 – SPECIFICATIONS

1. SECTION 23 00 00 - HVAC

Page 10, Paragraph 2.01.U:

Delete: Paragraph U. in its entirety.

Insert: “U. Acoustic insulation: All supply, return, and exhaust air ducts as well as return air duct plenums shall be lined internally to the extent as described herein with 1.5” inch thick acoustical liner equal to Owens Corning QuietR® Type R-6 or Knauf Insulation Rigid Plenum Liner Board manufactured with ECOSE® Technology or equal, k=0.25 at 75 degree F. mean temperature for rectangular ductwork and Owens Corning QuietZone® 1.5”thick spiral duct liner, k+0.25 at 75 degree F. mean temperature for spiral and round ductwork. Minimum installed R Value shall be 6.0. Liner shall extend for a minimum of 15 feet (or more if indicated on drawings) from all air moving equipment such as DOAS, FC’s and SF equipment. Liner shall extend 6 feet downstream of all supply VAV terminals. All return air register and grille plenums shall be internally lined. Welding hood exhaust duct work shall not be lined. Liner shall clipped and cemented to the inside of the duct. All seams and edges of liner shall be sealed to prevent fraying in the airstream. Liner shall have an acrylic polymer fiberglass reinforced facing with an antimicrobial coating. Liner shall conform to NFPA and U.L. and ASTM C1071 & ASTM C1104 requirements and have a 25/50 flame/smoke rating. Ductwork that is internally lined need not be externally insulated so long as the liner meets the equivalent specified R-value of the insulation for that duct.”

Page 65, Paragraph 2.28.B (first B.):

Delete: First Paragraph B. in its entirety.

Insert: “B. All controls operating equipment and systems configured to run off emergency stand-by power must be wired to the emergency stand-by power circuit. Any controls supporting life safety components as well as minimal building heating shall be wired to life safety emergency power circuit. As indicated in section 01.60.00 Product Requirements, 1.6 Owner’s Proprietary Products, the Automated Logic system is a proprietary product for existing control system modifications required of this project. All new control work shall be Alerton by Automated Building Systems (ABS) or

approved equals. Approved equals to the ABS system shall only be considered if they meet the following:

All submitted controls shall be directly compatible with existing schools hardware and software without patch panels or translators of any kind. The controls/BMS contractor shall be subject to the school's approval. Communications between the school via their Ethernet LAN and remote access is via the Web or Local intranet. The intent of this specification is to extend and interoperate with this system and to provide a peer to peer, networked, distributed control system for the automatic temperature control work that is part of this project. The installed system for vet space will interface directly with the existing Alerton Automated Building System (ABS) school system including the existing schools network, dynamic color graphics software and programming software. The existing software and database will be modified to accept new equipment being installed under this project to maintain integrity for the centralized scheduling, trending, programming and alarming. PC Desktop icons that link to separate BMS systems are not acceptable. Any costs associated with connecting to the existing Alerton Automated Building Solutions system including licensed software, programming, training, graphics shall be part of the control contractor's bid. The contractor must demonstrate their ability to perform the integration to the existing Alerton Automated Building Systems prior to submittal acceptance and invoicing."

Page 65, Paragraph 2.28.B (second B.):

Relabel second B. paragraph beginning with the words "The specified" as "B.1."

Paragraph B. (B.1. paragraph):

Replace the 2nd sentence of the paragraph stating, "Approved equals will be allowed." With the following: "Approved equals shall be allowed subject to full compliance with the requirements defined in 2.28 paragraph B and the rest of this specification."

2. SECTION 26 27 26 – WIRING DEVICES

Page 3, Part 2, Paragraph 2.2:

Insert: "J. Cord reel sets, description: Match voltage and current ratings and number of conductors to requirements of equipment being connected.

1. Cord: Rubber-insulated, stranded-copper conductors, with Type SOW-A jacket; with green-insulated grounding conductor and equipment-rating ampacity plus a minimum of 30 percent.
2. Plug: Nylon body and integral cable-clamping jaws. Match cord and receptacle type for connection.
3. Cord reel
 - a. Legrand: CRCD123GFCI25R20
4. Furnish and install threaded rods and Unistrut to support cord reels from building structure."

3. SECTION 28 10 00 – UNIFIED SECURITY SYSTEM

Page 5, Paragraph 2.2, Section B:

Replace:

"1. Axis: I8116-E Network Video Intercom

a. Program the intercom such that when the call button is pressed, the I8116-E initiates a SIP call to a pre-configured SIP phone (or group of phones) connected to a PBX server, allowing the person who answers the call to see video from the door station. From the SIP phone's interface, the user can then enter a code on the phone to trigger the A8105-E's built-in relay, which in turn signals the access control panel to unlock the door."

With the following:

"1. Axis: A8207-VE Mk II Network Video Intercom

a. Program the intercom such that when the call button is pressed, the A8207-VE Mk II initiates a SIP call to a pre-configured SIP phone model 2N D7A (or group of phones) connected to a PBX server, allowing the person who answers the call to see video from the door station. From the SIP phone's interface, the user can then enter a code on the phone to trigger the A8207-VE Mk II's built-in relay, which in turn signals the access control panel to unlock the door. Provide A9801 security relay for each call station."

PART 3 – DRAWINGS

1. DRAWING H5.4 – HVAC SCHEDULES & DETAILS

- A. In Air Cooled Heat Pump Schedule, change note #3 to read: "Disconnect switch shall be provided by E.C."
- B. In Equipment Notes under FC-17/HP-1 add the following sentence at the end of the equipment callout. "HVAC contractor must furnish and install the power/control cable and associated indoor FC-17 3-pole disconnect switch. Power/control wire shall be 3 conductor with ground 14 AWG stranded and shall be run in conduit (weatherproof where outdoors) between HP-1 and FC-17 in accordance with manufacturer's instructions."

2. DRAWING ED1.2 – ELECTRICAL DEMOLITION THIRD FLOOR CEILING PLAN

- A. Revise "General Notes for ED1.1" title to be "General Notes for ED1.2".

3. DRAWING ED1.3 – ELECTRICAL DEMOLITION THIRD FLOOR PLAN

- A. Revise "General Notes for ED1.2" title to be "General Notes for ED1.3".

4. DRAWING ED1.3 – ELECTRICAL DEMOLITION THIRD FLOOR PLAN

Insert: General Note 2 for ED1.3 as follows.

- 2. Existing circuit breakers remaining after the removal/demolition of existing bus bars, may be used to feed the new panel boards scheduled to be installed.

5. DRAWING SC1.1 – NEW SECURITY PLAN

Add: Insert Keyed Note 3 as shown in sketch ADD-2/E-001.

Add: Camera location to IDF Room D319A as shown in sketch ADD-2/E-001.

Add: Electronic Hardware devices and wiring at door opening D322 in Teaching Hub D322 as shown in sketch ADD-2/E-001.

6. DRAWING EH1.3 – ELECTRICAL EQUIPMENT SCHEDULE

Revise electrical requirements for DOAS-1 and DOAS-2 as shown in attached sketch ADD-2 /E-002.

PART 4 – ATTACHMENTS

Sketches

1. ADD-2/E-001 Additional WPS Security Scope
2. ADD-2/E-002 DOAS-1 and DOAS-2 Power Requirement

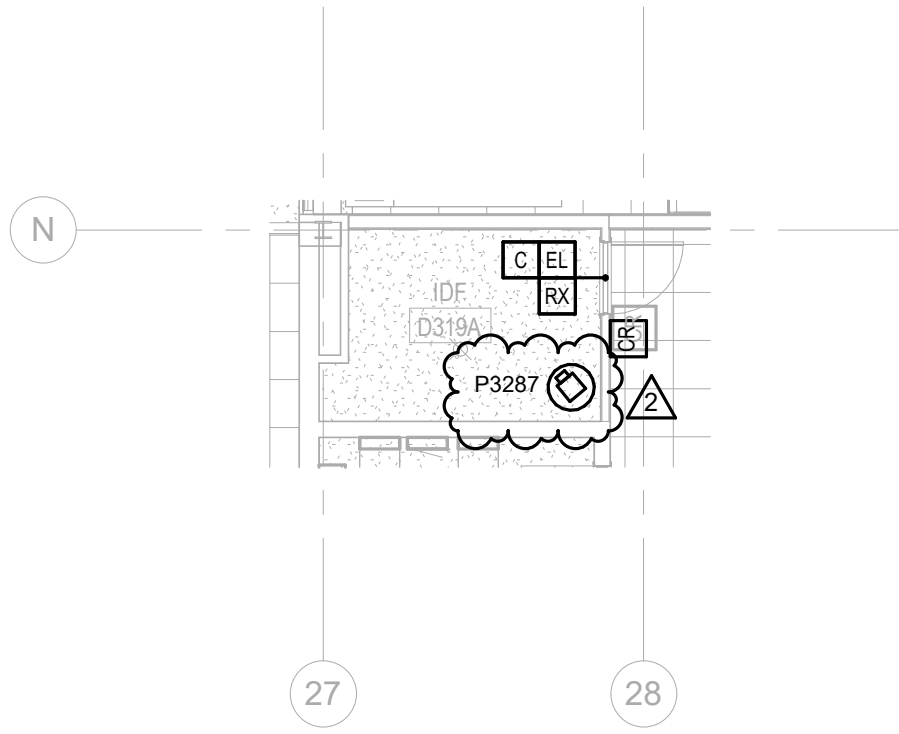
PART 5 – RFI'S AND RESPONSES

QUESTION	RESPONSE
<p>Section 2.28 Automatic Temperature Controls has two paragraph B's. The first paragraph B states that proprietary products as listed in section 01.60.00 with no alternates allowed, but the second paragraph B contradicts the proprietary product requirements and states approved equals will be allowed. Can you confirm that we are to conform to the products as listed in section 01.60.00?</p>	<p>See Part 2, note 1 of addendum 2.</p>
<p>1. Will cord reels be furnished and installed by others or are they to be included by the Division 26 contractor? If to be included by Division 26 will a specification be issued?</p> <p>2. Electrical drawing E0.2 "MEP Coordination" Note #1 says disconnect switches are to be provided by the electrical subcontractor unless noted otherwise. Details for mechanical units ACHP-1, ACHP-2, DOAS-1, and DOAS-2 shown on drawing H5.4 states to furnish the disconnect switches. Please provide clarification as to which division is to furnish these disconnect switches.</p> <p>3. With the removal/demo of 5 existing suspended bus bars shown on drawing ED 1.3 there will be 5 spare 1 00a 3p breakers in panel DMTP. Will it be acceptable to reuse two breakers to feed the new panelboards being installed?</p>	<p>1. Yes, Division 26 to furnish and install cord reel. Please refer to Addendum #2.</p> <p>2. Division 26 to furnish fused disconnect switches for ACHP-1 & ACHP-2, as shown on the drawings. Disconnect switches for DOAS-1 & DOAS-2, shall be furnished and installed by 23 00 00, as shown on HVAC drawings. See Part 3, note 6 of this addendum.</p> <p>3. See Part 3, note 4 of this addendum.</p>

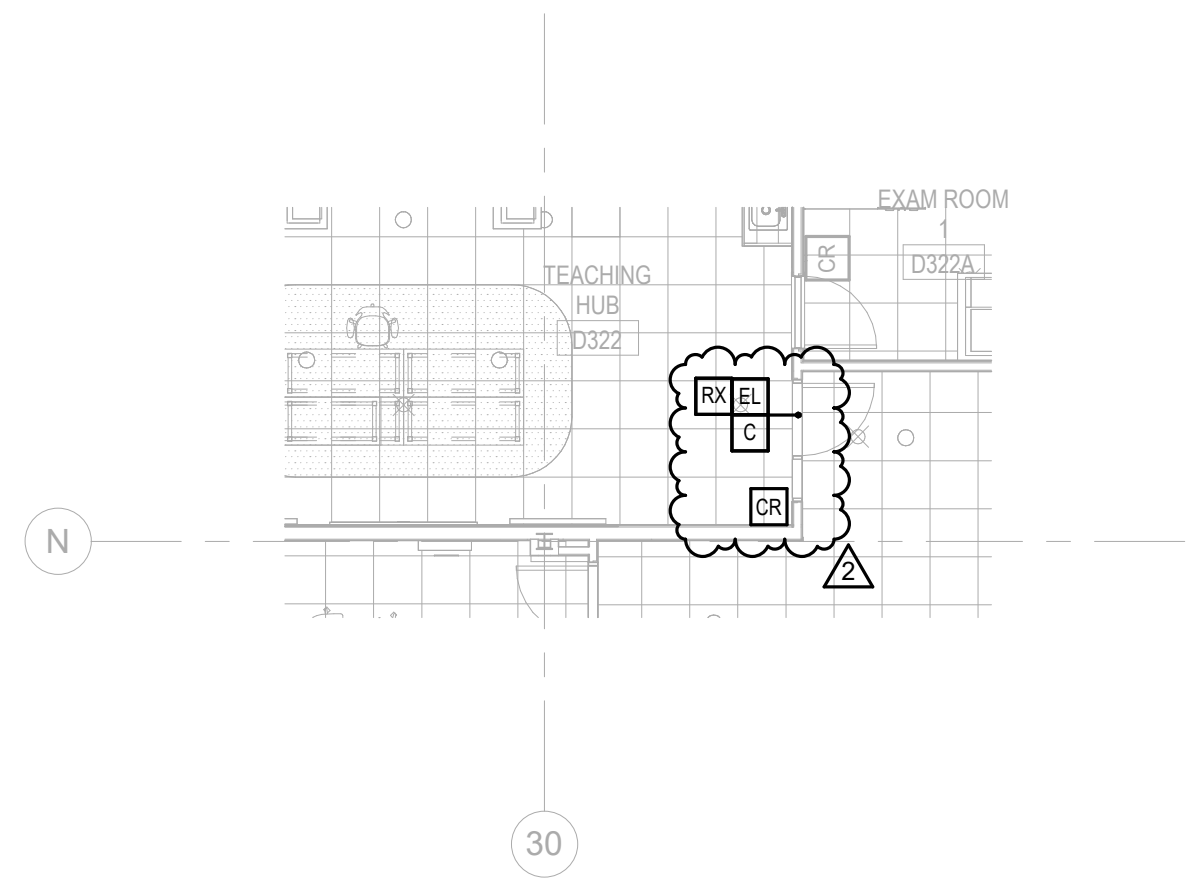
QUESTION	RESPONSE
<p>1. Fire alarm plans and specifications call for voice evacuation (speaker strobes) in the renovated space Section D. Currently, Section D utilizes horn-strobe evacuation. According to JCI representative the only part of the building that currently has voice evacuation is the Auditorium in Section A. Is it the intent of the design for Section D of the school to have two methods of evacuation (horn strobe and voice)? Please clarify.</p> <p>2. Fire alarm specifications state that all testing is to occur outside of normal business hours, and that bidders are not permitted to charge additional costs for after-hours work. Could you please provide further clarity on that language?</p> <p>3. Please confirm the NFPA 241 plan is to be developed by the engineer of record and administrated by the general contractor.</p>	<p>1. Delete voice evacuation fire alarm evacuation devices in the renovated spaces. All new fire alarm audio devices shall be horn-strobe devices.</p> <p>2. All interruptions of services, including but not limited to the fire alarm systems, shall follow the requirements of Section 01 14 00 Work Restrictions. All costs for working outside of normal hours of on-site operations shall be the contractors responsibilities.</p> <p>3. Per Section 00 20 00 General Conditions, Article 10 - Protections of Persons and Property, the NFPA 241 plan shall be developed and administered by the general contractor. The fire alarm sub-contractor shall modify the existing fire alarm system as required to maintain protection during construction in accordance with the approved NFPA 241 plan.</p>
<p>Per HVAC Specification Ductwork section U. states All supply, return, and exhaust air ducts as well as return air duct plenums shall be lined internally with 1.5" thick acoustical liner. Further down states liner shall be extended a minimum of 15' from all air moving equipment. Please confirm all ducts shall be acoustically lined with 1.5" liner or simply lined 15' from all air moving equipment? If all duct is to be lined with 1.5" acoustical liner will external insulation still be required?</p>	<p>See Part 2, note 1 of addendum 2.</p>
<p>How should the cost implications of imposed/impending tariffs be handled during the bidding process? Should anticipated costs be included in the bid price, not knowing if they will become actualized, or should real cost implications be handled during the contract.</p> <p>1. Does the project have any MBE or WBE contracting requirements for sub-trades?</p> <p>2. Does the project have any residency, women and/or minority workforce requirements?</p> <p>3. Will we need a fire watch at any time during the project?</p> <p>4. Who is responsible for the clocks and ceiling mounted PA speakers? There is nothing in the specs mention about those items.</p> <p>5. Is there an approximate start date?</p>	<p>The General Contractor and filed sub-bid contractors are fully responsible for the coordination and the timeliness of submissions without delaying the project, as required by Section 01 33 00 Submittal Procedures.</p> <p>1. Refer to Section 00 95 00 REO & MBE/WBE WORKER UTILIZATION</p> <p>2. Refer to Section 00 95 00 REO & MBE/WBE WORKER UTILIZATION</p> <p>3. Will we need a fire watch at any time during the project?</p> <p>4. See Part 3, notes 13 and 15 of addendum No.1</p> <p>5. Refer to Section 00 10 00 Invitation to Bid, Commencement of Work & Time of Completion.</p>

QUESTION	RESPONSE
<p>The fire alarm riser shows new fire alarm circuits going all the way back to the existing main FACP on the 1st floor. Can the EC reuse the existing circuits in the space made available from demo?</p>	<p>Reuse of existing fire alarm circuits within the demolition area may be permitted, the Electrical Contractor (EC) must verify that the existing wiring is in good condition for reuse. The contractor shall test all reused circuits and provide any required modifications, extensions or replacements to ensure a complete, fully operational and code compliant system. Where circuits are modified or extended, the contractor shall confirm compliance with manufacturer limitations, including voltage drop and circuit loading.</p>

END OF ADDENDUM NO. 2



1 ADD-2 - IDF Room D319A
1/8" = 1'-0"



2 ADD-2 - Teaching Hub D322
1/8" = 1'-0"

KEYED NOTES FOR SC1.1

③ FURNISH AND INSTALL (1) CATEGORY 6A CABLE TO EXISTING DATA CABINET. TERMINATE IN NEW PATCH PANEL AND PROVIDE TESTING. PROGRAM THE VES SUCH THAT WHEN THE CALL BUTTON IS PRESSED, THE AXIS A8207-VE MK II INITIATES A SIP CALL TO A PRE-CONFIGURED SIP PHONE MODEL 2N D7A (OR GROUP OF PHONES) CONNECTED TO A PBX SERVER, ALLOWING THE PERSON WHO ANSWERS THE CALL TO SEE VIDEO FROM THE DOOR STATION. FROM THE SIP PHONE'S INTERFACE, THE USER CAN THEN ENTER A CODE ON THE PHONE TO TRIGGER THE AXIS A8207-VE MK II 'S BUILT-IN RELAY, WHICH IN TURN SIGNALS THE ACCESS CONTROL PANEL TO UNLOCK THE DOOR. FURNISH AND INSTALL A9801 SECURITY RELAY.

ARCHITECT:



PROJECT TITLE:

Tufts Vet Tech Clinic Renovation

Worcester Technical High School
1 Officer Manny Familia Way, Worcester, MA 01605

REFERENCE: SC1.1

DRAWING TITLE:
Additional WPS
Security Scope

DATE: 03/27/26

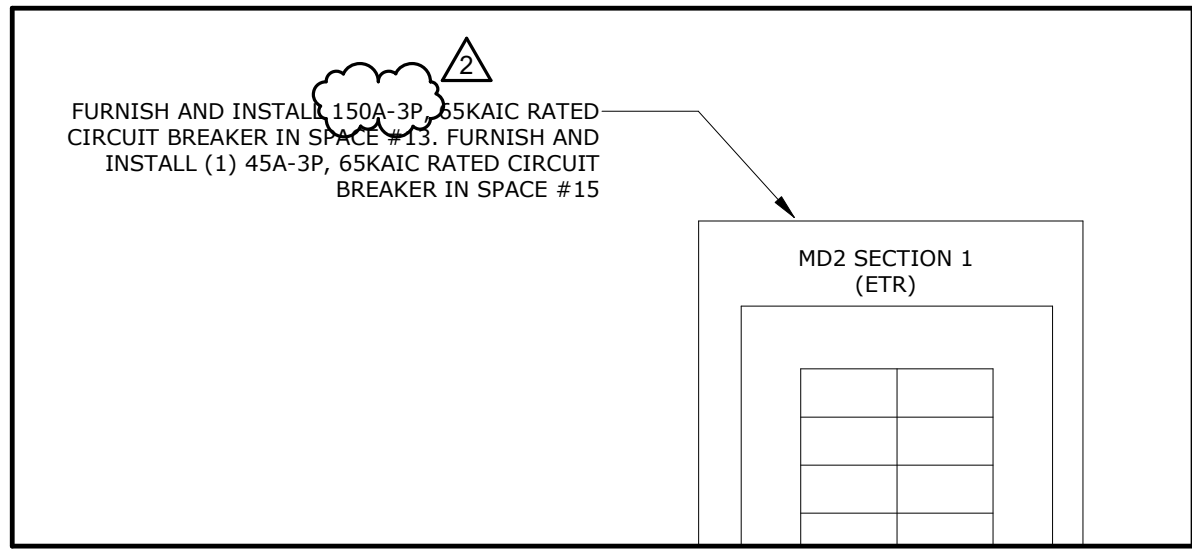
DRAWING NUMBER:

ADD-2
E-001

ELECTRICAL EQUIPMENT SCHEDULE

TAG	DESCRIPTION	FLA	MCA	MOCP	VOLTAGE	POLES	DISC./FUSE	PANEL	CKT #	FEEDER	TAG
DOAS-1	ROOFTOP ENERGY RECOVERY UNIT	106.4	133 A	150 A	480 V	3	SEE NOTE #1	MD2	13	2" C, 3-1/0, #6G	DOAS-1
DOAS-2	ROOFTOP ENERGY RECOVERY UNIT	34.4	43 A	45 A	480 V	3	SEE NOTE #1	MD2	15	1" C, 3#6, #10G	DOAS-2

NOTE:
 1. PROVIDE POWER FOR FACTORY-INSTALLED UNFUSED DISCONNECT SWITCH. EQUIPMENT TO BE FURNISHED BY DIVISION 23.



EP2.1,

DATE: 03/27/26
DRAWING NUMBER:

ADD-2
E-002

REFERENCE: EH1.3
DRAWING TITLE:

DOAS-1 and
DOAS-2 Power
Requirement

PROJECT TITLE:

Tufts Vet Tech Clinic Renovation

Worcester Technical High School
1 Officer Manny Familia Way, Worcester, MA 01605

ARCHITECT:

