



**PRESTON PLAINS MIDDLE SCHOOL
SCIENCE LAB
1 ROUTE 164
PRESTON, CT 06365**

Addendum # 05
February 11, 2020

GENERAL / CLARIFICATIONS

1.	See attached bidder question log dated 2/11/20	Attached
2.	In response to Bidder Question 31, see the attached Basis of Design cut sheet for TD1: Kewaunee Matrix Instructor Station – Model X23. Product changes from basis of design model should include all identified fittings and accessories in the attached cut sheet including those indicated in the drawings and specifications.	Attached
3.	In response to bidder question 34, see attached Isimet utility controller product information.	Attached

CHANGES TO THE SPECIFICATIONS

115313 – LABORATORY FUME HOODS

1.	REPLACE basis of design product information 2.1,A,1 as indicated below: 1. Basis of Design Product: Subject to compliance with requirements, provide Labconco; Basic 47 model or comparable product by one of the following: a. Kewaunee Scientific Corporation (Kewaunee) b. Sheldon Laboratory Systems.	Attached
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CHANGES TO THE DRAWINGS

G1.1 GENERAL INFORMATION

No Changes

END OF ADDENDUM #5

BIDDER QUESTION LOG
QA+M ARCHITECTURE

Preston Plains Middle School - Science Labs
Open Items

Issue Date: 2/11/20

Item No.	Date Received	Contractor	Item / Description	Issued By	Response Comments	Response Date	Addendum Issued
1	1/30/2020	Frank Zaino & Associates	The invitation to bid does not specifically state the walk-through was mandatory. Was it mandatory?	CC	The walkthrough on 1/29/20 was not mandatory.	1/30/2020	Addendum #1
2	1/30/2020	Sarazin General Contractors	There seems to have been some confusion about the bid documents issued for the subject project. Can you please confirm that the documents that are available on the CT DAS site are complete Specs and Drawings for the subject project? https://biznet.ct.gov/SCP_Search/BidDetail.aspx?CID=52244	CC	The documents posted on the DAS website indicated do not represent the most updated drawings as of 1/30/20. If the drawings have a "Not for Construction" stamp on the cover that is an outdated set. If you have downloaded the bid documents from the DAS website please e-mail Carson Collier directly ccollier@qamarch.com who will provide a digital link to download the Bid Set of documents. Anyone who received a physical set of documents at the Pre-Bid Walkthrough has the updated set of Drawings and Specifications.	1/30/2020	Addendum #1
3	1/30/2020	Sarazin General Contractors	Given the document confusion, very short timeline between issuance, prebid, RFI deadline and bid date, would an extension of the RFI deadline and/ or bid date be considered?	JS	There is no RFI component to the solicitation. If the bid date is changed, interested bidders will be promptly notified by telephone and by email.	2/3/2020	Addendum #2
4	1/30/2020	Sarazin General Contractors	Please provide link to Board of Ed website location where project updates/ documents and RFI responses can be found	JS	www.prestonschools.org	2/3/2020	Addendum #2
5	1/30/2020	Sarazin General Contractors	Are there CHRO set aside/ affirmative action plan requirements?	JS	There are no CHRO set asides or affirmative action requirements.	2/3/2020	Addendum #2
6	1/30/2020	Sarazin General Contractors	What are the retainage and liquidated damages amounts for this project?	JS	A standard project retainage of 5% will be applied for this job, and no liquidated damages are identified.	2/3/2020	Addendum #2
7	1/31/2020	Bartholomew Contract Interiors	I am formally requesting an extension of the bid opening until Friday, February 21st. As of receiving the bid packet today, I would use the extension to completely compile all of the information needed to accurately complete my bid. If the extension is approved by yourself and the appropriate individuals at the BOE and Town, please notify me. I will look on the Town website for updates.	JS	If the bid date is changed, interested bidders will be promptly notified by telephone and by email.	2/3/2020	Addendum #2
8	1/31/2020	Dodge Data & Analytics	I would like to request a plan holders or bidders list, and to confirm that the bid date and time are unchanged.	CC	Since the pre-bid walk through was not required for this project, and the drawings are publicly posted on the DAS and Town websites a complete bidders list is not available. Please refer to Addendum #1 for a list of contractors who attended the pre-bid walk through on 1/29/20.	2/3/2020	Addendum #2
9	1/31/2020	Dodge Data & Analytics	Do you provide a cost estimate?	CC	No, a cost estimate will not be provided.	2/4/2020	Addendum #4
10	1/30/2020	Millenium Builders	Please see attached index indicating the sections that are missing on the online project manual, can you please send these out as soon as possible?	CC	As indicated in Addendum #1; The documents posted on the DAS website indicated do not represent the most updated drawings as of 1/30/20. If the drawings have a "Not for Construction" stamp on the cover that is an outdated set. If you have downloaded the bid documents from the DAS website please e-mail Carson Collier directly ccollier@qamarch.com who will provide a digital link to download the Bid Set of documents. Anyone who received a physical set of documents at the Pre-Bid Walkthrough has the updated set of Drawings and Specifications.	2/3/2020	Addendum #2
11	2/2/2020	G. Donovan Associates Inc.	Is it possible for the bid date to be extended for this project?	JS	If the bid date is changed, interested bidders will be promptly notified by telephone and by email.	2/3/2020	Addendum #2
12	2/1/2020	Complete Fire Protection	Will you need any fire sprinkler heads relocated or new installed for this project?	CC	The school currently is not equipped with a sprinkler system, so no relocation of existing sprinkler heads will be required, or the addition of new sprinkler heads.	2/3/2020	Addendum #2
13	2/3/2020	Millenium Builders	The project description in the summary does not seem to reflect this project, please confirm.	CC	The project description in the summary reflects the scope of work associated with this project.	2/6/2020	Addendum #4
14	2/3/2020	Millenium Builders	The demolition plan shows floor finish removal in 2 rooms only is this correct?	CC	Base bid scope of work should indicate floor finish removal of Classroom 201, 202 and prep room and storage rooms located inbetween them. See revised demolition floor plan on D1.1. Deduct Alternate #3 will remove any finish floor demolition from Classroom 201 as indicated on D1.2.	2/3/2020	Addendum #2

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16	2/3/2020	Millenium Builders	Will a flooring specification be issued?	CC	A flooring specification will not be issued. Contractor should plan to install specified floor products as indicated on A6.0, in accordance with the manufacturers recommended installation standards. Any floor material deviations need to meet the standards and properties of the products required.	2/4/2020	Addendum #4
17	2/3/2020	Millenium Builders	Can the attached lab casework vendor be considered as an or equal to the specified manufacturers?	CC	The vendor Wood-Metal Industries can be consider an "or equal" to the specified manufacturers list. The product information and manufacturers information would be considered an equal based on the attached markups. Please review comments in Addendum #4. Note that any hardware, or accessories not indicated in the submission are still required as apart of this project as noted on the drawings, and should be carried in the contractors bid.	2/6/2020	Addendum #4
18	2/3/2020	G. Donovan Associates, Inc.	Are the drawings on the state portal now the correct set? They're listed as revised 01/31/20	CC	Yes, the drawings and specifications uploaded to the State Portal site listed as revised 01/31/20 are the correct Bid Set of documents you should be referencing.	2/3/2020	Addendum #2
19	2/3/2020	Sav-More Cooling & Heating	I am looking to get a copy of the pre-bid sign in sheet for Preston Plains Middle School Science Labs that was taken place on January 29th. If I am looking in the wrong place, can you please refer me to the correct party?	CC	The pre-bid walk through sign in sheet was issued in Addendum #1, which can be accessed on the CT DAS website.	2/3/2020	Addendum #2
20	2/3/2020	Bartholome Contract Interiors	Is it possible to extend the bid opening from Febrary 7th until February 21st? This will allow me to properly construct my bid for this project.	JS	If the bid date is changed, interested bidders will be promptly notified by telephone and by email.	2/3/2020	Addendum #2
21	2/3/2020	Mattern Construction Inc.	Included in the notes for the millwork on page A4.0, it calls out "Wood Cabinets: Basis of Design" and goes to list kewaunee Scientific Corporation Cabinets. Does that mean the listed cabinets are only the design idea and that custom millwork will be accepted if it matches the outlin of what is included in the drawings?	CC	The basis of design product listed on A4.0 is just that. The product and information listed, indicate the design intent, and any substitutions need to meet the identified standards listed. Please refer to Spec Section 123553 Laboratory Casework, for other basis of design manufactuers. Any deviations from specified manufacturers must be submitted prior to bidding for review and approval as an equal and clearly indicated in your bid submission. Please review Spec Section 016000 Product Requirments for further clarification as to "Basis of Design Products".	2/3/2020	Addendum #2
22	2/3/2020	Mattern Construction Inc.	Please confirm that the furniture (desks, tables, chairs) is not in the GC scope.	CC	Correct, new furniture (desks, tables, and chairs) are not to be included in the GC's scope of work. New furniture will be provided by the Owner.	2/3/2020	Addendum #2
23	2/3/2020	Sarazin General Contractors	The TD1 Teacher demonstration station in Rm 202 is clearly a lab casework item. However, the remaining casework at 202 north and south walls, and north wall of 201 needs to be clarified. Is it Dev 06 p-lam per details, Division 06 Spec, and finish schedule, or wood casework per Div. 12 spec and new product information note on A1.1?	CC	TD1 and all casework located in Science Classroom 201, 202, and 202A should be solid wood Laboratory Casework conforming to requirments indicated in the Division 12 spec- Laboratory Casework. P-lam notes indicated on millwork details on sheet A4.1 will be removed. Specification section 064023 - Interior Architectural Woodwork will be removed in its entirety since all millwork located in these two classrooms will be Laboratory Casework.	2/4/2020	Addendum #4
24	2/3/2020	Sarazin General Contractors	If Lab Casework at walls above is by Division 06, who owns the Epoxy Resin countertops/ sinks?	CC	See response to question 23 above. Epoxy resin countertops and sinks are to be bid out as apart of this project.	2/4/2020	Addendum #4
25	2/3/2020	Sarazin General Contractors	Fume spec calls for two-sided fume hood. Fume hood is located against a wall, which eliminates the need for a rear sash. Fume hood specified has glass sides, yet fume hood is located where it is flaned by tall cabinets. Finally, fume hood specified comes standard on painted steel base cabinets with solid swinging doors; which eliminates the clear floor space required in the fume hood spec here: S.S. 115313 -Laboratory Fume Hoods, 2.4, K,1. We believe a conventional single-sided vertical sash ADA bench fume hood would be sufficient for this application. Please clarify	CC	Correct, since the laboratory fume hood is located along a wall, there is no need for a rear sash system with glass sides. The specified basis of design fume hood model should be Labconco; Protector Basic 47 model or equal by one of the manufacturers indicated in the specifications. The ADA clear floor space indicated in the specification needs to be maintained for accessiblity to the piece of equipment. Contractor should indicate requirments indicated in S.S. 115313,2.4, K for required fume hood base stands. No base cabinets are required beneith the fume hood. All items indicated in the specification should be carried in the contractors alternate #2 bid pricing.	2/10/2020	Addendum #5

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26	2/3/2020	Sarazin General Contractors	Please provide a spec for the ACT ceiling tile.	CC	Please refer to specification section 095113 - Acoustical Panel Ceilings included in bid documents and uploaded online with the date 1-30-20.	2/4/2020	Addendum #4
26.1	2/3/2020	Sarazin General Contractors	Is the 6in trim in detail 5/A2.0 white or an RAL color?	CC	The 6" trim in detail 5/A2.0 Color to be White.	2/4/2020	Addendum #4
27	2/4/2020	Mattern Construction Inc.	Is a bid extension being considered?	CC	Please refer to Addendum #3 for Bid Extension information and new deadlines.	2/3/2020	Addendum #4
28	2/4/2020	Sarazin General Contractors	Please provide required insurance coverages and limits for this project. Exhibit A is referenced but not provided.	RM	<p>To clarify insurance coverages and limits as it pertains to AIA Document A201-2017, Article 11 Insurance and Bonds; the below information indicate insurance coverages as it pertains to this project:</p> <p>General Insurance Requirements:</p> <ul style="list-style-type: none"> • Insurance companies must be rated A.M. Best A/VII or higher. • Insurance companies must be licensed to do business in the state of Connecticut. • All liability policies must be on an Accord form. • The Town of Preston, the Preston Board of Education, QA+M Architecture, LLC, and their consultants, are to be included as additional insured on all liability policies. • A 60-day notice of cancellation is required on all policies. <p>A. Contractor's Liability Insurance</p> <ol style="list-style-type: none"> 1. Worker's Compensation statutory limits are required covering the benefits of the State of Connecticut, and any other state if employees used on the project do not reside in Connecticut. 2. Employer's Liability: \$100,000 each accident \$500,000 policy limit \$100,000 each occurrence 3. General Liability: <ul style="list-style-type: none"> \$2,000,000 general aggregate \$2,000,000 products/completed operations aggregate \$1,000,000 personal and advertising injury \$1,000,000 each occurrence \$ 50,000 fire damage (any one fire) \$ 5,000 medical expenses (any one person) • Combined single limits (bodily injury/property damage). • Aggregates must apply per project. • ISO form CG 0001 11/88 or equivalent coverage required and should not exclude XCU or contractual liability. Any nonstandard exclusions should be noted on the certificate of insurance. 4. Umbrella/Excess Liability: \$2,000,000 per occurrence excess insurance is acceptable but must be as broad as the underlying policies. 5. Automobile Liability: \$1,000,000 combined single limit (bodily injury/property damage) coverage must apply to owned, non-owned, and hired autos. 	2/6/2020	Addendum #4
29	2/4/2020	Sarazin General Contractors	Please provide State issued Prevailing Wage Rates for this project. The spec. section has a cover page but no backup information or wages.	CC	Please review Addendum #4 for State Prevailing Wage Rates for the project.	2/6/2020	Addendum #4
30	2/5/2020	Frank Zaino & Associates	What type of roof currently exists? EPDM, Ballast, ect.	CC + MH	Existing roof is an EPDM roof installed in 1994, and reseamed in 2014.	2/6/2020	Addendum #4
31	2/5/2020	Frank Zaino & Associates	Who is the manufacturer?	CC +MH	The existing EPDM roof is believed to be a Firestone product.	2/6/2020	Addendum #5
31	2/7/2020	Mattern Construction Inc.	Are there Physics Bars in the elevations on page A4.1 included in the G.C.'s scope? If so, please provide a spec.	CC	The physics bars indicated in the elevations on page A4.1 are included in the G.C.'s scope of work. Per the basis of design TD1: X23 Instructors Station by Kewaunee includes electrical, plumbing, and various fittings including but not limited to the "Physics Bar" - upright rod assembly and the corresponding sockets. Please refer to Addendum #5 for the basis of design product cut sheet. Any products being carried other than the basis of design product should carry costs for all the identified fixtures indicated in the attached basis of design product.	2/10/2020	Addendum #5

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33	2/7/2020	Mattern Construction Inc.	Elevations on page A4.0 show venting on the toe kicks of every cabinet. Please confirm that venting is only required where heaters are positioned	CC + KH	Correct, vents should only be located where heaters are positioned.	2/7/2020	Addendum #5
34	2/7/2020	Mattern Construction Inc.	Please provide specification pages for Isimet controllers referenced on page P1.2, notes 4 & 5.	KH	See attached product data for the Isimet utility controller included in Addendum #5.	2/10/2020	Addendum #5
35	2/10/2020	Sarazin General Contractors	Is ther an elevator in the school, and if so, will we be allowed to use it?	CC	Yes, there is an elevator and contractors would be able to use it.	2/10/2020	Addendum #5
36	2/10/2020	Sav-More Cooling & Heating	Does the school currently have a BMS contractor we will need to use to tie in the new DOAS unit to the buildings BMS system?	KH	There is no BMS in the school. Per the contract drawings, the unit is to have stand-alone controls.	2/10/2020	Addendum #5
37	2/10/2020	Sav-More Cooling & Heating	Per Addendum #1 we are to remove and install new steam finn-tube radiators. Please provide a make, model and pipe size of the radiators we will need to install.	KH	Contractor shall match the existing.	2/10/2020	Addendum #5

Kewaunee Matrix Instructor Station

Specifications

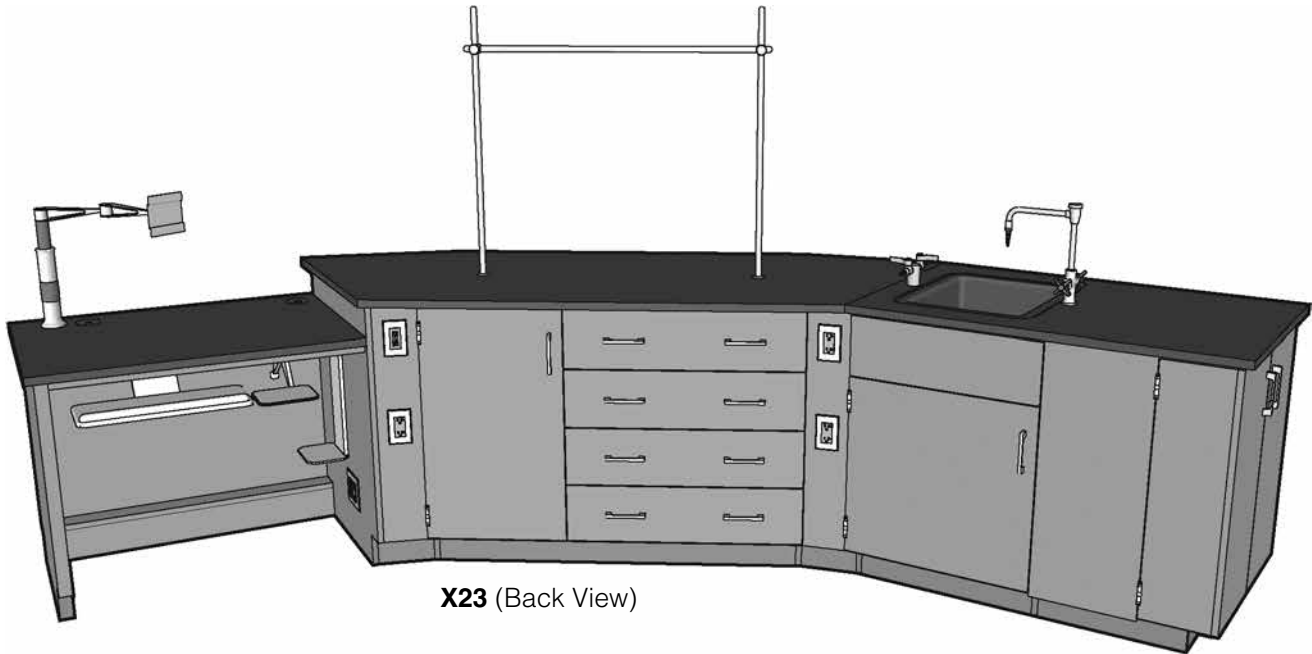
Kewaunee Matrix Instructor Station provides the space required to conduct effective table top demonstrations. Stations are available in either left or right hand configurations. The Cabinet Assembly includes a cupboard, drawer, and multi-media storage, finished back, and filler panels.

The Work Top Assembly includes a 1" thick Kemresin® worksurface with a drop-in sink and sink outlet.

The Fixture Package includes: fittings, fixtures, rod sockets, upright rod assembly, keyboard tray, monitor arm, and CPU holder.

Note: Last four digits of part number designates door style, hinge, hardwood species, and pull selection. See page 4 of Signature Series Wood catalog for full explanation. Actual product may vary slightly from catalog illustration due to style and hardware selection.

Kewaunee Matrix Instructor Station



X23 (Back View)

X23 Instructors Station 36" High x 30" Deep x 140" Long (Sink on Right)

X33 Instructors Station 36" High x 30" Deep x 140" Long (Sink on Left)

Cabinet Assembly (Sink on Right)

Cabinet Assembly (Sink on Left)

Cabinets: G40W312838
G77W362848
G83W362848

X23WC363000-_____ specify style

X33WC363000-_____ specify style

Desk Assembly
Sink/Multi-media Storage Cabinet
Drawer Cupboard Cabinet

Work Top Assembly (Sink on Right)

Work Top Assembly(Sink on Left)

X23WT013000R-_____ specify color

X33WT013000R-_____ specify color

Work Top: 1" thick Kemresin - 30" deep x 140" long

Sink: (1) 1003-DI-____

(1) 0482-____

Drop-in Kemresin® - 11" D x 15" W x 18" L

1 1/2" I.P.S. Sink Outlet

Fixture Package (Sink on Right)

Fixture Package (Sink on Left)

X23FP-____ specify receptacle color, service

X33FP-____ specify receptacle color, service

Electrical Fixtures: (3) S656-1_

(1) 0720-1_

(1) S721-6_

Fittings: (1) W-0340-0V

(1) W-0263-0G

(2) 0548-00

(1) 4740-00

(1) F72M1220-00

(1) F72M0808-0T

(1) F-5435-00

(1) F-5436-00

120 VAC GFI Duplex Receptacle

Duplex RJ45 Data Jack

120 VAC Duplex/Duplex RJ45 Data

Water Mixing Faucet w/VB Gooseneck

90° Double Outlet Gas Fitting

Rod Sockets

Upright Rod Assembly

Keyboard Tray

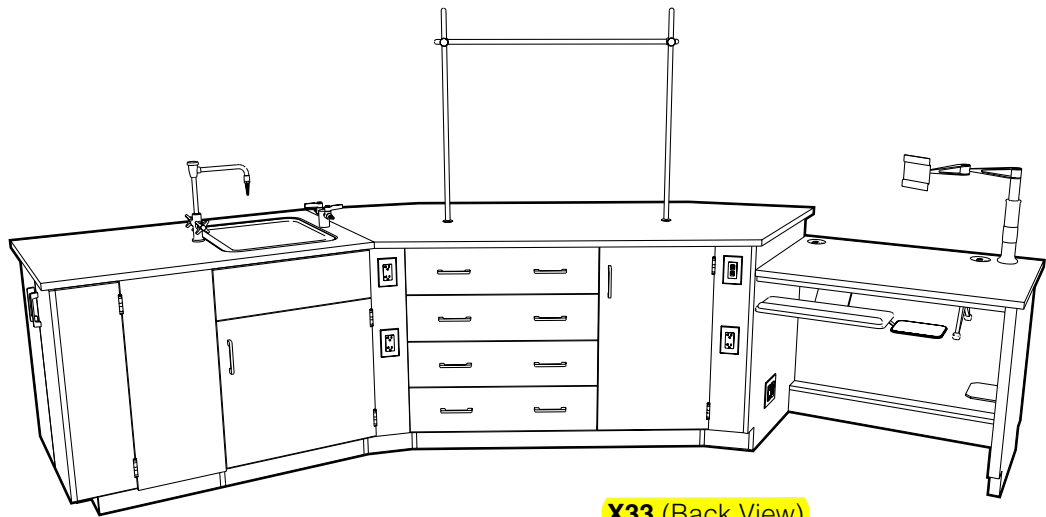
Mouse Platform

Monitor Arm

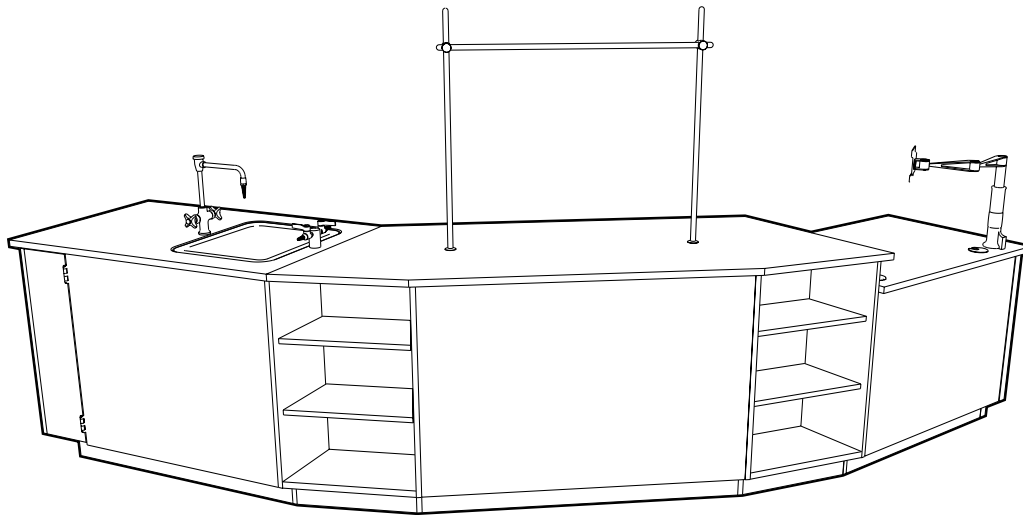
CPU Holder

All highlighted information is included in the basis of design product and should be included in the G.C.'s scope of work.

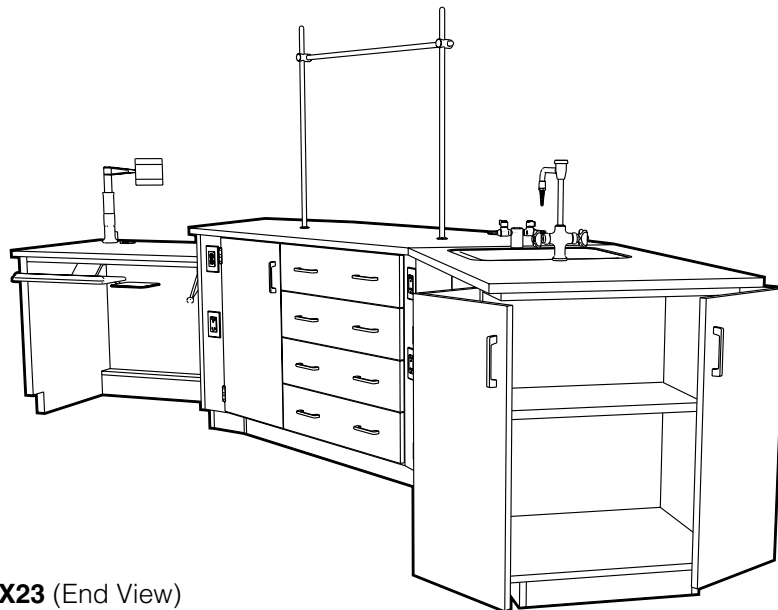
Kewaunee Matrix Instructor Station



X33 (Back View)



X23 (Front View)



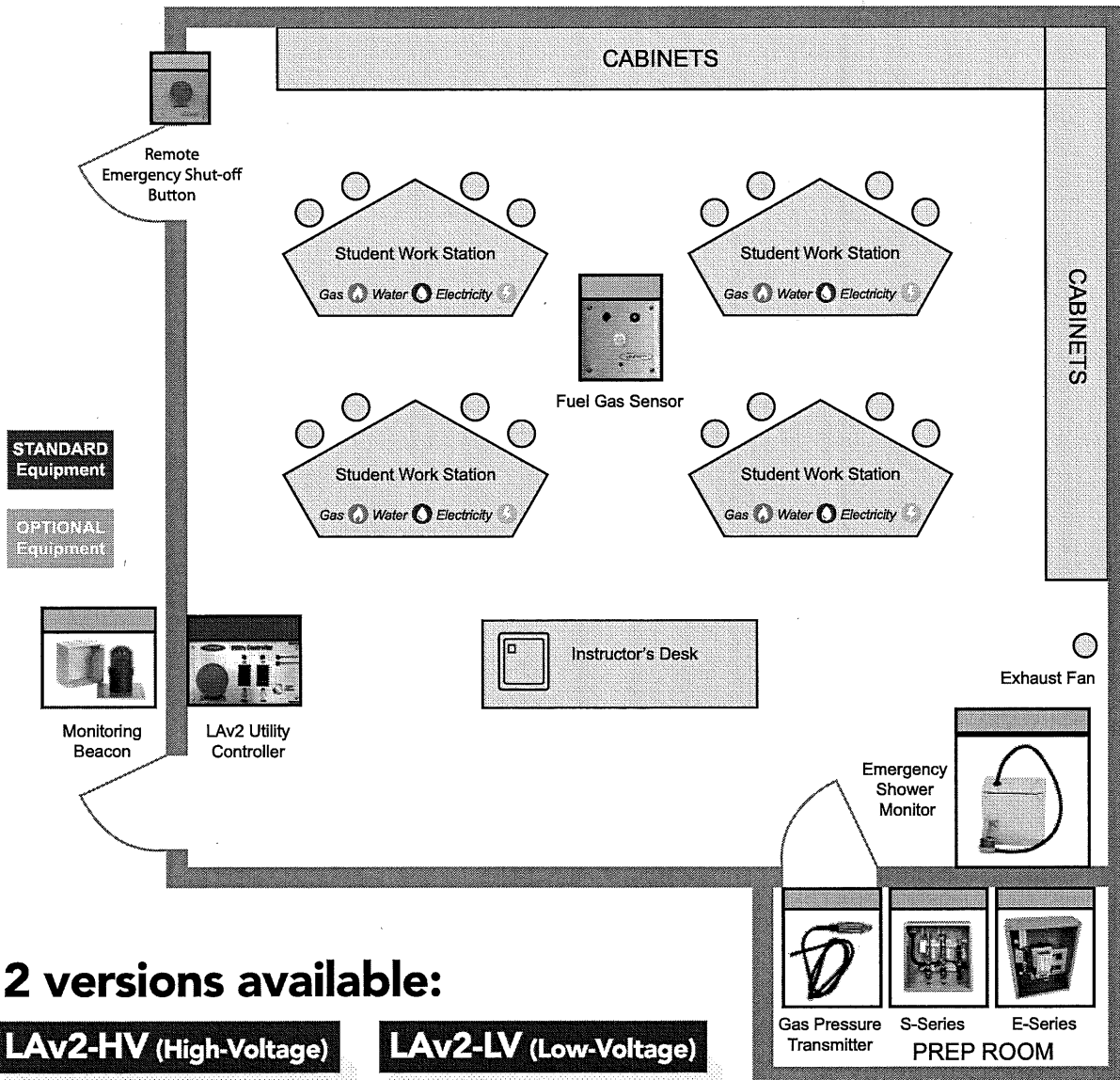
X23 (End View)

For Example Classroom Layouts see pages 147-149

ISIMET® LAV2 1 or 2 Switch Utility Controller

Controls 1 or 2 Utilities (Gas, Water, Electricity) or Fan

Typical Science Classroom Layout:



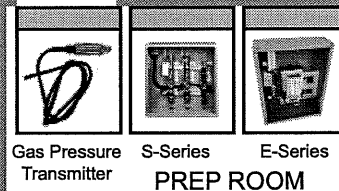
2 versions available:

LAV2-HV (High-Voltage)

- 120 VAC
- Flush or Surface Mount
- Brushed Stainless Steel Cover
- All Metal Enclosure

LAV2-LV (Low-Voltage)

- 24 VDC
- Easiest installation/start-up
- Lowest total installed cost
- Flush or Surface Mount
- Brushed Stainless Steel Cover
- All Metal Enclosure



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