University of Kentucky
Procurement Services

INVITATION FOR BIDS

CCK-3050.1-1-26
WT Young Library Renovation
PROJECT 3050.1
ADDENDUM #6
5/1/2026

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY 5/7/2026 @ 3:00 P.M. LEXINGTON, KY TIME

Bidder must acknowledge receipt of this and any addendum as stated in the Invitation for Bids.

ITEM #1: Extended Questions & Answers

- Refer to and incorporate within the offer, the enclosed additional information and Questions and Answers from the project team.

ITEM #2: Additional Drawings and Clarification.

- Please refer to the attached document for index and drawings

This will be the Final Addendum on this project, and no further questions will be addressed.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Contracting Officer / (859) 257-9102

SIGNATURE

Typed or Printed Name

University of Kentucky
Procurement Services
322 Peterson Service Building
Lexington, KY 40506-0005

CCK-3050.1
Extended Questions and Answers

This wording is confusing and concerning for multiple reasons, and is the first mention of fully replacing the old units. Concerns include but are not limited to: - If Base Bid only is accepted (in reference of Alt 5), of the 44 “to remain” VAVs/Reheats, would we actually need to include new control wiring and device mounting for all of these? Does that include a new control valve too? Some of these 44 “remaining” devices are in locations of the ground floor that aren’t even in the footprint of the renovated space and we would need access above ceiling/protection of finished surfaces in all surrounding areas… - Is Alternate #5 requesting the bidder to provide and install 44 additional new VAVs/reheat coils and install them in place of the existing 44 set to remain? As stated above, some of these are outside of the footprint of renovated area, and accessing them for new unit installation, hot water connections, and duct transitions is a significant undertaking, esp. in areas not covered with ceiling removal or surface protection in the main bid. The alternates have been confusing but this version is the first I am seeing that suggests we’re actively meant to replace existing units in areas of the building we aren’t even working in. - The actual HVAC Equipment Schedule sheet doesn’t provide new equipment selections for any of the existing “remaining” or “relocated” VAVs/Reheat coils. We MUST be given further information and models/selections if we are actually meant to price replacing those VAVs/reheats in any capacity.	Language has been clarified in Addendum 6 to list which VAV boxes are out of scope/the area of renovation - these out-of-scope VAV boxes will only need to rebalanced at the end of the project. Information for selecting new VAV boxes to replace the old ones (max/minimum CFM and heating MBH) can be found in the VAV schedule on M-601 (sheet will not be reissued in Addednum 6 due to that information already being contained within the drawings and the new boxes having the same performance criteria as the boxes they're replacing).
IF you have a chance to include these two additional questions in the upcoming responses, please advise: 1) Expansion loops for hydronic piping spec section 230516.00 references a requirement for delegated design on expansion loops and anchors. This project hydronic piping is just new branches on existing larger loops. Please confirm if this spec and a need for delegated design actually applies. 2) There are several new and relocated VAVs to be installed in the corridor to the right of the new GIS Classroom and are TECHNICALLY located in the shaded space covered by the first 90 days completion timeline, Phase 1. However, these VAVs and downstream duct flow to serve the large block of rooms to the right of the Phase 1 area, and do not SERVE the finished space of phase 1. (see below Phase 1 area highlighted yellow, with the VAV’s of concern circled in royal blue.) Is the intent that these blue-circled VAVs are ALL actually meant to be procured and installed above that corridor within the first 90 day timeframe?? Or it is understood that the rooms they serve and the corridor will remain accessible during Phase 2 (OR they are allowed to be installed above ceiling in adjacent offices/rooms rather than corridor, if corridor must be finished early). Please advise on the intent since they are RIGHT on the line.	1. This is still intended as delegated design - the delegated design professional would make the determination as to whether or not expansion loops are required 2. Intent as KLH understands it is that they're procured/installed as much as needs to be done to close out Phase 1, which would include procurement & install of the VAVs and any mains to limit work to the Phase 2 spaces after Phase 1 is complete.
It appears UK will be providing the DDC controllers. Can you please confirm what Manufacture and controller model UK will be using? We will need this to quote the thermostat / sensors.	UK is furnishing Distech ECB-VAV controllers for the project.

27 41 00.00 - Audio and Video System / 27 41 01.00 - Audio and Video System The Plans and Specifications are based on UK AV Standards for Single Projection Classrooms, Dual Projection Classrooms, and Collaboration Space Level 3, but neither the plan nor the specifications show these standards in their entirety. The Classoom systems in the plans and specifications do not show the following items per the UK AV Standard for these spaces: Networking Cisco Switch (typically owner furnished) located in the AV Rack and requored accessories from the standard -Correct, UK will provide the network switch. If the Network Switch is to be mounted in the AV Equipment Rack, is it to be Owner or Contractor Furnished □ Power and Protection Rack Mount power for AV and Networking with required accessories from the standard Middle Atlantic ERK-2128 Series Rack with required accessories from the standard □ Furniture Lectern Will the lectern be the same found in the UK Classroom AV Standard -Yes Is the Classroom Lectern to be provided by the AV Contractor, Furniture Contractor, or Owner -AV contractor Etc	No sound masking required. Plans updated to include equipment lists. Intent to adhere to UK standards as close as possible. Lectern is to be provided by AV contractor.
There is a General Note on T-641 that makes reference to the UK AV Standards, but only one Detatil on this sheet is per the standard. Is the intent of this bid package to conform to the UK AV Standard in its entirety, or only as depicted in the Plans and Specifications? – The intention is to conform to UK AV standards. The drawings were intended to indicate which standard was to be applied to each space with some specific exceptions.	Deviations from UK standards have been better defined. Intent to adhere to UK standards as close as possible.
T-100A - Group Room B66 shows a Collaboration System Level 3, where is the Touch Screen to be located for this system – Wall mount adjacent to plan north door.	Wall mount adjacent to plan north door.
T-100B - Multifunction Room B108D shows an AV System with three projection screens with Keyed Note to add additioanl Projector and Screen. Does the size of the Extron DTP3 Crosspoint 622 need to be increased to allow for an additional Matrixed Output or will this projector use a mirrored output from the existing DTP3 Crosspoint 622.	This projector use a mirrored output from the existing DTP3 Crosspoint 622.
T-100D - Work Room B23 Appears to have an AV System, but only shows a single display - is a single display all that is required or is there a system type that applies to this room.	This is to be a collaboration space level 2.
On Door Hardware Specs – 087100, Hardware Set# (CE01, CE01A, CE02, and E01) calls for a RX-LX-QEL-55NL-OP Panic Device. The 55 series Panic Device does not have the LX or QEL options. Could you please verify if we can quote this as 33A (Grooved) or 35A (Smooth) narrow stile exit device instead? As the 33/35 series has the options for RX, LX, and QEL.	No, the 55 series is necessary for this door type. The LX and QEL options can be omitted.
On Door Hardware Specs – 087100, Openings (B18A and B102) is on the specs, but does not exist on the Door Schedule or Floor Plans. Could you please verify if these openings exist? If so, could you please provide what type of openings they are or are we only providing hardware for these openings?	Doors are not in scope
On Door Schedule A-601, Opening (B68) does not have Frame Material or Frame Type marked. Could you please verify what Frame Material and Frame Type this opening needs?	HM
On Door Schedule A-601, Openings (B23, B28A, B28B, B29, and B66) do not have HW Set #. Could you please verify what HW Set #'s these openings should be?	B23 C01C, B28A CE01A, B28B CE01A, B29 C01E, and B66 C01C
On Door Schedule A-601, All openings do not have assigned Frame Type's. Could you please verify what Frame Type's each opening should be?	All are frame type 1, unless noted otherwise

ADDENDUM NO. 6.00

04/30/2026

FOR THE PROJECT TITLED:

WT YOUNG LIBRARY
LOWER LEVEL RENOVATION
University of Kentucky
Lexington, Kentucky

To: Prospective Bidders

From: JRA Architects
301 East Vine Street
Lexington, Kentucky 40507

Project Contact: P. Matthew DeLuca, AIA

The Addendum will form a part of the Contract Documents and modifies the original Bidding Documents dated April, 2026.

Bidders must acknowledge receipt of this Addendum in the space provided on the Form of Proposal. Failure to do so may subject the bidder to disqualification.

Bidding Documents, including the Drawings and Specifications, are amended as described herein.

ARCHITECTURAL ITEMS:

ITEM NO. 6.01

- Refer to reissued sheet A-422 attached. Dimensions were added to the existing window openings to clarify the extent and widths of the window film on the first row of glass.

ITEM NO. 6.02

- Refer to reissued sheet A-601 attached. Door type FG was revised to show only 60” coverage of window film in lieu of full glass coverage.

ITEM NO. 6.03

- Refer to reissued sheet A-621 attached. The finish material schedule was updated to note the Basis-of-Design product for WT-2, the wall tile at the break room backsplash.

CONTROLS ITEMS

ITEM NO. 6.04

- Sheet IC-001 - Mechanical - Controls Sheet

  a) Added Make/Model of UK-furnished VAV controller.

ITEM NO. 6.05

- Sheet M-001 - Mechanical Cover Sheet
  a) Updated "HVAC Alternates" block to address some field questions regarding out-of-scope boxes and questions on selecting new equipment to replace existing.

TECHNOLOGY ITEMS:

ITEM NO. 6.06

- Sheet T-100A - Technology Basement Plan Area A
  a) Added control panel location.

ITEM NO. 6.07

- Sheet T-100B - Technology Basement Plan Area B
  a) Revised note.

ITEM NO. 6.08

- Sheet T-641 - Technology Av Systems
  a) Revised Collaboration Space Level 3

ITEM NO. 6.09

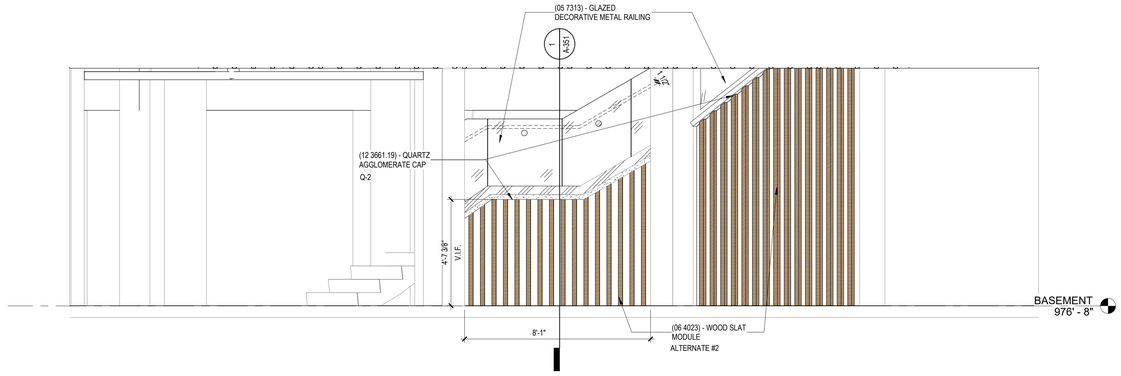
- Sheet T-642 - Technology Av Systems
  a) Revised single projector classroom.
  b) Added requirements for Collaboration Space levels 1 & 2.

ITEM NO. 6.10

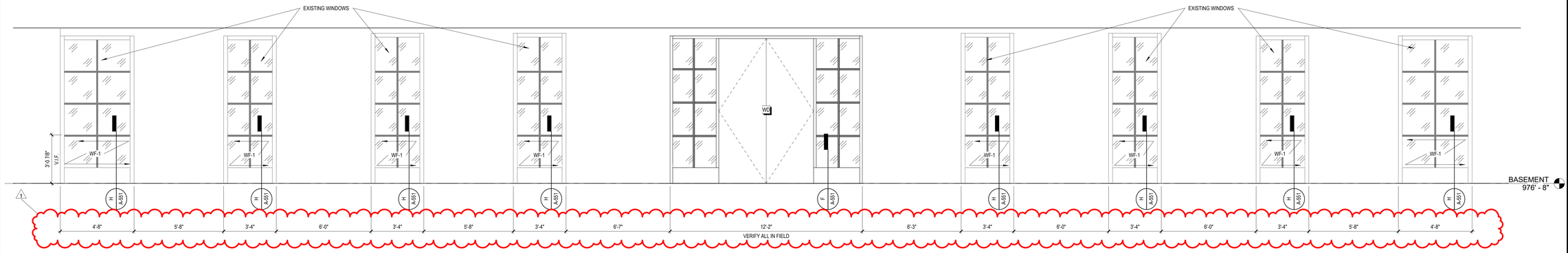
- Sheet T-643 - Technology Av Systems
  a) Revised dual projector classroom.

END OF ADDENDUM NO. 6.00

MARK	DESCRIPTION	COMMENTS
	SPECIALTIES & EQUIPMENT SCHEDULE	
AV-1	80" WALL-MOUNT MONITOR	O.F.O.I.
AV-3	60" WALL-MOUNT MONITOR - REFER TO ELEC.	O.F.O.I.
10 1100 - VISUAL DISPLAY SURFACES		
MB-1	FRAMELESS GLASS MARKERBOARD - 4' X 6' (WHITE)	C.F.C.I.
MB-3	FRAMELESS GLASS MARKERBOARD - 4' X 8' (WHITE)	C.F.C.I.
MB-3A	FRAMELESS GLASS MARKERBOARD - 4' X 8' (WHITE) VERTICAL	C.F.C.I.
MB-4	FRAMELESS GLASS MARKERBOARD - 4' X 8' (BLUE)	C.F.C.I.
MB-5	FRAMELESS GLASS MARKERBOARD - 4' X 12' (WHITE)	C.F.C.I.
10 4413 - FIRE EQUIPMENT		
F1	SEMI-RECESSED FIRE EXTINGUISHER CABINET	C.F.C.I.
11 5213 - PROJECTION SCREENS		
AV-2	PROJECTION SCREEN	C.F.C.I.
EQUIPMENT		
E-1	STAFF BREAK ROOM REFRIGERATOR	O.F.O.I.
E-2	UK WASTE RECEPTACLE - SS MODEL 1	O.F.O.I.
EQUIPMENT - NIC		
E-3	ADA HEIGHT DISHWASHER	O.F.O.I.



A EXISTING STAIR WOOD SLAT WALL
3/8" = 1'-0"



B MEDIA DEPOT ENTRY
3/8" = 1'-0"

4/30/2026 3:58:55 PM

JRA architects
301 East Vine Street
Lexington, Kentucky 40507
859.252.6781

JRA, INC. REGISTERED NO. 5994-5449 5463 COMMONWEALTH OF KENTUCKY ARCHITECTS

RESERVED FOR AHJ STAMP

BID DOCUMENTS

UK WT YOUNG LIBRARY - LOWER LEVEL RENOVATION
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

ARCHITECTURAL

PROJECT	202586
DATE	03.31.2026

REVISIONS

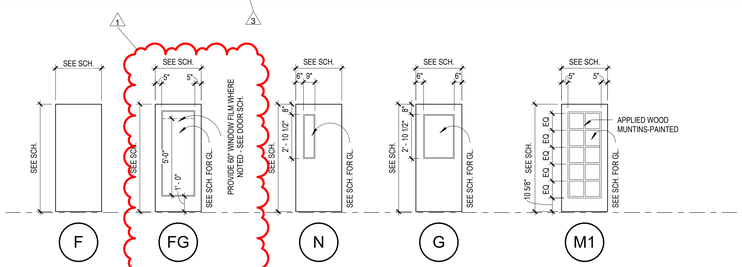
No.	Description	Date
1	ADDENDUM 6	4/30/2026

INTERIOR ELEVATIONS

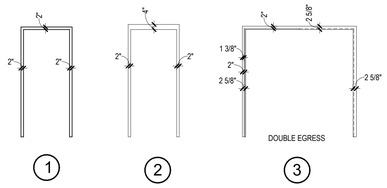
A-422

DOOR AND FRAME SCHEDULE

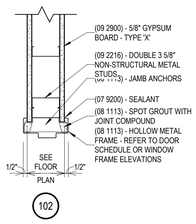
NO.	DOORS SIZE PAIR	LEAF 1 WIDTH	LEAF 2 WIDTH	HEIGHT	THICK.	MAT'L.	TYPE	GLAZ.	FRAMES MAT'L.	TYPE	DETAILS JAMB	HEAD	THRESH.	HARDWARE CLOSER	SET NO.	RATING (MIN.)	REMARKS
B23	--	3' - 0"		9' - 2"	1 3/4"	WD.	FG	GL-2	ALUM.		SEE DTL	SEE DTL	--	--	--	0	
B25	--	3' - 0"		9' - 0"	1 3/4"	WD.	F		ALUM.		SEE DTL	SEE DTL	--			0	
B26A	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26B	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26C	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26D	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26E	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26F	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26G	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B26H	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B27	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B28A	--	3' - 0"		9' - 2"	1 3/4"	WD.	FG	GL-2	ALUM.		SEE DTL	SEE DTL	--			0	
B28B	--	3' - 0"		9' - 2"	1 3/4"	WD.	FG	GL-2	ALUM.		SEE DTL	SEE DTL	--			0	
B29	--	3' - 0"		7' - 10"	1 3/4"	HM.	F		HM.		102	202	--	--	--	0	
B30	--	3' - 0"		7' - 0"	1 3/4"	HM.	F		HM.		102	202	--	--	--	0	
B35A	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35B	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35C	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35D	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35E	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35F	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35G	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B35H	--	3' - 0"		7' - 10"	1 3/4"	WD.	FG	GL-2	HM.		102	202	--	--	--	0	2
B38	--	3' - 0"		7' - 10"	1 3/4"	HM.	F		HM.		102	202	--	--	--	0	
B38A	--	3' - 0"		7' - 0"	1 3/4"	HM.	F		HM.		102	202	--	--	--	0	
B38B	--	3' - 0"		7' - 0"	1 3/4"	HM.	F		HM.		102	202	--	--	--	0	
B49-A	PR.	3' - 0"	3' - 0"	9' - 2"	1 3/4"	WD.	M1	GL-2	HM.		SEE DTL	SEE DTL	--	--	--	0	
B49-B	PR.	3' - 0"	3' - 0"	9' - 2"	1 3/4"	WD.	M1	GL-2	ALUM.		SEE DTL	SEE DTL	--	--	--	0	
B50A			3' - 0"	9' - 2"	1 3/4"	WD.	M1	GL-2	ALUM.		SEE DTL	SEE DTL	--	--		0	
B50C				9' - 2"	1 3/4"	WD.	M1	GL-2	ALUM.		SEE DTL	SEE DTL	--			0	
B52	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B56	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B57	--	3' - 0"		7' - 10"	1 3/4"	WD.	F	GL-2	HM.		102	202	--	--	--	0	
B59	--	3' - 0"		7' - 10"	1 3/4"	WD.	F	GL-2	HM.		102	202	--	--	--	0	
B60	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B61	--	3' - 0"		7' - 10"	1 3/4"	WD.	F	GL-2	HM.		102	202	--	--	--	0	
B62	--	3' - 0"		7' - 10"	1 3/4"	WD.	F	GL-2	HM.		102	202	--	--	--	0	
B63	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B64	--	3' - 0"		7' - 10"	1 3/4"	WD.	F	GL-2	HM.		102	202	--	--	--	0	
B65	--	3' - 0"		7' - 10"	1 3/4"	WD.	F	GL-2	HM.		102	202	--	--	--	0	
B66	--	3' - 0"		9' - 2"	1 3/4"	WD.	FG	GL-2	ALUM.		SEE DTL	SEE DTL	--			0	
B67	PR.	3' - 0"	3' - 0"	9' - 2"	1 3/4"	WD.	FG	GL-2	ALUM.		--	--	--	--	--	0	
B68	--	3' - 0"		9' - 2"	1 3/4"	WD.	F				102	202	--	--	--	0	
B68A	--	3' - 0"		9' - 2"	1 3/4"	WD.	F		ALUM.		SEE DTL	SEE DTL	--			0	
B108A-A				9' - 2"	1 3/4"	WD.	M1	GL-2	ALUM.		SEE DTL	SEE DTL	--			0	1
B108A-B				8' - 2 109/256"	1 25/32"												4
B108B-A	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B108B-B	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B108C-A	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B108C-B	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B108D-A	--	3' - 0"		7' - 10"	1 3/4"	WD.	F		HM.		102	202	--	--	--	0	
B109			3' - 0"	9' - 2"	1 3/4"	WD.	M1	GL-2	ALUM.		SEE DTL	SEE DTL	--	--	--	0	
B110-A				9' - 2"	1 3/4"	WD.	M1	GL-2	ALUM.		SEE DTL	SEE DTL	--			0	1
B110-B				8' - 2 109/256"	1 25/32"												4

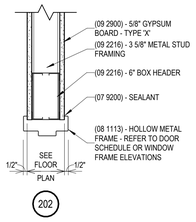


A DOOR TYPES
1/4" = 1'-0"



B DOOR FRAME TYPES
1/4" = 1'-0"





C DOOR DETAILS
1 1/2" = 1'-0"

DOOR AND FRAME SCHEDULE KEYED REMARKS

1 REFER TO ALTERNATE #1
2 APPLY FULL COVERAGE WINDOW FILM TO GLAZING - CORRIDOR ROOM FACE
3 PROVIDE RIM AND MORTISE CYLINDERS AS REQUIRED FOR EXIT DEVICES - KEYED TO MASTER.
4 SPECIALTY FOLDING DOORS - REFER TO ALTERNATE #1 AND SPECIFICATION 08 3513
5 PROVIDE KEY PAD - SEE ELECTRICAL.
6
7
8
9

TABLE 716.3 MARKING FIRE-RATED GLAZING ASSEMBLIES

FIRE TEST STANDARD	MARKING	DEFINITION OF MARKING
ASTM E 119 OR UL 263	W	MEETS WALL ASSEMBLY CRITERIA.
NFPA 257 OR UL 9	OH	MEETS FIRE WINDOW ASSEMBLY CRITERIA INCLUDING HOSE STREAM TEST.
NFPA 252 OR UL 10B OR UL 10C	D	MEETS FIRE DOOR ASSEMBLY CRITERIA
NFPA 252 OR UL 10B OR UL 10C	H	MEETS FIRE DOOR ASSEMBLY "HOSE STREM" TEST.
NFPA 252 OR UL 10B OR UL 10C	T	MEETS 450°F TEMPERATURE RISE CRITERIA FOR 30 MINUTES.
	XXX	THE TIME IN MINUTES OF THE FIRE RESISTANCE OR FIRE PROTECTION RATING OF THE GLAZING ASSEMBLY.

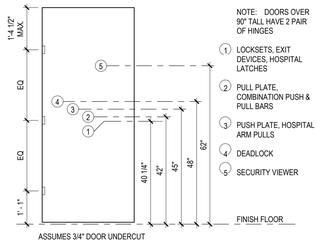
KEYNOTE LEGEND

KEY VALUE	KEYNOTE DESCRIPTION
07 9200.A2	(07 9200) - SEALANT
08 1113.A2	(08 1113) - HOLLOW METAL FRAME - REFER TO DOOR SCHEDULE OR WINDOW FRAME ELEVATIONS
08 1113.B1	(08 1113) - JAMB ANCHORS
08 1113.C2	(08 1113) - SPOT GROUT WITH JOINT COMPOUND
09 2216.C1	(09 2216) - 3 5/8" METAL STUD FRAMING
09 2216.C2	(09 2216) - DOUBLE 3 5/8" NON-STRUCTURAL METAL STUDS
09 2216.E4	(09 2216) - 6" BOX HEADER
09 2900.D1	(09 2900) - 5/8" GYPSUM BOARD - TYPE 'X'

GLAZING SCHEDULE

MARK	TYPE
GL-1	1/4" MONOLITHIC GLAZING
GL-2	1/4" TEMPERED GLAZING
GL-?	Glass

ANSI DOOR HARDWARE LOCATIONS

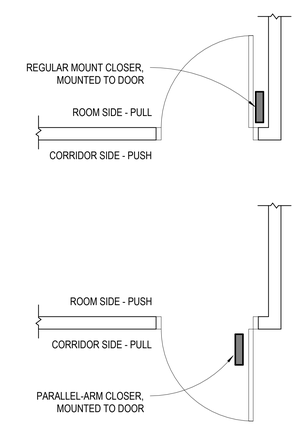


NOTE: DOORS OVER 90" TALL HAVE 2 PAIR OF HINGES

GENERAL NOTE

1. REFER TO WALL SECTIONS & INTERIOR PARTITION TYPES FOR ADDITIONAL NOTES REGARDING TYPICAL WALL CONSTRUCTION.
2. HANDING AS INDICATED ON PLANS.
3. PROVIDE LEAD LINED HOLLOW METAL FRAMES IN THICKNESS EQUIVALENCY AS INDICATED ON THE FLOOR PLANS.

DOOR CLOSER LOCATIONS - UNLESS OTHERWISE NOTED



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PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
1	ADDENDUM 6	4/30/2026
3	ADDENDUM 3	4/16/2026

DOOR SCHEDULE AND DETAILS

A-601

4/30/2026 3:58:59 PM

BUILDING SIGNAGE SCHEDULE

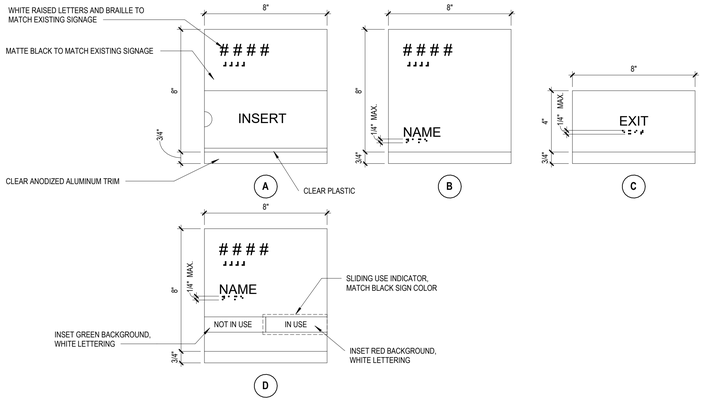
DOOR MARK	ROOM NUMBER	ROOM NAME	SIGN NAME	SIGN TYPE	REMARKS
BASEMENT					
B23	B23	WORK ROOM		B	GLASS WALL - USE BACKER
B25	B25	EXEC DIRECTOR		A	GLASS WALL - USE BACKER
B26A	B26A	OFFICE		A	
B26B	B26B	OFFICE		A	
B26C	B26C	OFFICE		A	
B26D	B26D	OFFICE		A	
B26E	B26E	OFFICE		A	
B26F	B26F	OFFICE		A	
B26G	B26G	OFFICE		A	
B26H	B26H	OFFICE		A	
B27	B22	BREAK ROOM		B	
B28A	B28A	GIS CLASSROOM	CLASSROOM	B	GLASS WALL - USE BACKER
B28B	B28B	GIS CLASSROOM	CLASSROOM	B	GLASS WALL - USE BACKER
B29	B29	CORRIDOR	EXIT	C	
B30	B30	STO.	STORAGE	B	
B35A	B35A	OFFICE		A	
B35B	B35B	OFFICE		A	
B35C	B35C	OFFICE		A	
B35D	B35D	OFFICE		A	
B35E	B35E	OFFICE		A	
B35F	B35F	OFFICE		A	
B35G	B35G	OFFICE		A	
B35H	B35H	OFFICE		A	
B38	B29	CORRIDOR	EXIT	C	
B38A	B38A	MEDIA STO.	MEDIA STORAGE	B	
B38B	B38B	LIBRARY STO.	STORAGE	B	
B49-A	B28	CLASSROOM VEST.	CLASSROOM VESTIBULE	B	
B49-B	B109	CORRIDOR/ FLEX	CLASSROOM VESTIBULE	B	
B50A	B49	OPEN TUTORING - SOUTH	PRESENTATION UNIVERSITY / MEDIA DEPOT	B	GLASS WALL - USE BACKER
B50C	B50C	WRITING CENTER		B	GLASS WALL - USE BACKER
B52	B52	STORAGE		B	
B56	B56	MU SZD	RECORDING	D	
B57	B57	S SZD	RECORDING	D	
B59	B59	S SZD	RECORDING	D	
B60	B60	MU SZD	RECORDING	D	
B61	B61	S SZD	RECORDING	D	
B62	B62	S SZD	RECORDING	D	
B63	B63	MU SZD	RECORDING	D	
B64	B64	S SZD	RECORDING	D	
B65	B65	S SZD	RECORDING	D	
B66	B66	GROUP ROOM		B	GLASS WALL - USE BACKER
B67	B67	SHARED GROUP ROOM	GROUP ROOM	B	GLASS WALL - USE BACKER
B68	B68	GROUP ROOM	STUDIO	D	
B68A	B68A	STAFF		B	
B108A-A	B108A	TUTORING		B	GLASS WALL - USE BACKER, ALSO AT DOOR B96
B108A-B	B108A	TUTORING		--	
B108B-A	B108B	SI 2 CLASSROOM	CLASSROOM	B	
B108B-B	B108B	SI 2 CLASSROOM	CLASSROOM	B	
B108C-A	B108C	SI 1 CLASSROOM	CLASSROOM	B	
B108C-B	B108C	SI 1 CLASSROOM	CLASSROOM	B	
B108D-A	B108D	MULTIFUNCTION		B	
B109	B109	CORRIDOR/ FLEX		--	
B110-A	B110	CONFERENCE TRAINING		B	GLASS WALL - USE BACKER, ALSO AT DOOR B111A
B110-B	B110	CONFERENCE TRAINING		--	

ROOM FINISH SCHEDULE

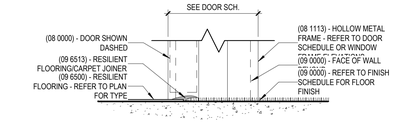
NUMBER	NAME	FLOOR FINISH	BASE FINISH	WALL FINISH	NOTES
B13	CORE C	LVT-1	B-2	P-1	
B20	OPEN TUTORING - NORTH	CPT-2	B-2	P-1	
B20A	TUTORING HELP DESK	CPT-2	B-2	P-1	
B21	CENTRAL TUTORING	CPT-1	B-2	P-2	
B22	BREAK ROOM	LVT-1	B-2	P-1, P-3, WT-2	
B23	WORK ROOM	CPT-6	B-2	P-1, Q-1	
B24	OPEN GRAD TUTORING	CPT-5	B-2	P-1	
B25	EXEC DIRECTOR	CPT-4	B-2	P-1	
B26A	OFFICE	CPT-4	B-2	P-1	
B26B	OFFICE	CPT-4	B-2	P-1	
B26C	OFFICE	CPT-4	B-2	P-1	
B26D	OFFICE	CPT-4	B-2	P-1	
B26E	OFFICE	CPT-4	B-2	P-1	
B26F	OFFICE	CPT-4	B-2	P-1	
B26G	OFFICE	CPT-4	B-2	P-1	
B26H	OFFICE	CPT-4	B-2	P-1	
B27	COPY/PRINT	LVT-1	B-2	P-1	
B28	CLASSROOM VEST.	CPT-3	B-2	P-1	
B28A	GIS CLASSROOM	LVT-2	B-2	P-1	
B28B	GIS CLASSROOM	LVT-2	B-2	P-1	
B29	CORRIDOR	CPT-5	B-2	P-1	
B30	STO.	CPT-4	B-2	P-1	
B35A	OFFICE	CPT-4	B-2	P-1	
B35B	OFFICE	CPT-4	B-2	P-1	
B35C	OFFICE	CPT-4	B-2	P-1	
B35D	OFFICE	CPT-4	B-2	P-1	
B35E	OFFICE	CPT-4	B-2	P-1	
B35F	OFFICE	CPT-4	B-2	P-1	
B35G	OFFICE	CPT-4	B-2	P-1	
B35H	OFFICE	CPT-4	B-2	P-1	
B37	CORE D	LVT-1	B-2	P-1	
B38A	MEDIA STO.	CPT-4	B-2	P-1	
B38B	LIBRARY STO.	CPT-4	B-2	P-1	
B49	OPEN TUTORING - SOUTH	CPT-2	B-2	P-1, WT-1	
B50A	PRESENTATION U	CPT-5	B-2	P-1	
B50B	TECH DESK	CPT-6	B-2	P-1, MP-1	
B50C	WRITING CENTER	CPT-5	B-2	P-1	
B51	CORRIDOR	CPT-5	B-2	P-1	
B52	STORAGE	CPT-4	B-2	P-1	
B53A	HOTELING	CPT-5	B-2	P-1	
B53B	HOTELING	CPT-5	B-2	P-1	
B53C	CORRIDOR	LVT-1	B-2	P-1	
B53D	CORRIDOR	LVT-1	B-2	P-1	
B53E	CLASSROOM VEST.	CPT-3	B-2	P-1	
B53F	CLASSROOM VEST.	CPT-3	B-2	P-1	
B54	VIRTUAL TUTORING	CPT-6	B-2	P-1	
B55	PRESENTATION U	CPT-5	B-2	P-1, LWP-1	
B56	MU SZD	CPT-4	B-2	P-1	
B57	S SZD	CPT-4	B-2	P-1	
B58	CORRIDOR	CPT-5	B-2	P-1	
B59	S SZD	CPT-4	B-2	P-1	
B60	MU SZD	CPT-4	B-2	P-1	
B61	S SZD	CPT-4	B-2	P-1	
B62	S SZD	CPT-4	B-2	P-1	
B63	MU SZD	CPT-4	B-2	P-1	
B64	S SZD	CPT-4	B-2	P-1	
B65	S SZD	CPT-4	B-2	P-1	
B66	GROUP ROOM	CPT-6	B-2	P-1	
B67	SHARED GROUP ROOM	CPT-6	B-2	P-1	
B68	GROUP ROOM	CPT-6	B-2	P-1	
B68A	STAFF	CPT-4	B-2	P-1	
B96	CORE A	LVT-1	B-2	P-1	
B108	CORRIDOR	LVT-2	B-2	P-1	
B108A	TUTORING	LVT-2	B-2	P-1	
B108B	SI 2 CLASSROOM	LVT-2	B-2	P-1	
B108C	SI 1 CLASSROOM	LVT-2	B-2	P-1	
B108D	MULTIFUNCTION	CPT-6	B-2	P-1	
B109	CORRIDOR/ FLEX	LVT-2	B-2	P-1	
B110	CONFERENCE TRAINING	LVT-2	B-2	P-1	
B112	CORE B	LVT-1	B-2	P-1	
B-114	VENDING AREA	LVT-1	B-2	P-1	

FINISH MATERIAL SCHEDULE

SPEC	KEY NAME	MATERIAL TYPE	MANUFACTURER	SIZE	MODEL / NUMBER	PRODUCT NAME	FINISH	REMARKS
03 3000	SC-1	SEALED CONCRETE						
05 7000	MP-1	METAL WALL PANEL	MOZ	48" X 120"	ALUMINUM METAL SHEETS - SOLID CORE LAMINATE	CLASSIC ALUMINUM	NIGHT BLUE - SILK	VERTICAL INSTALL
06 4023	LWP-1	LINEAR WOOD PANELING	TERRAMAI	12" X 96"	ACOUSTIC WALL PANELS	BAFFLE - WHITE OAK	MATCH L-1	
06 4116	L-1	PLASTIC LAMINATE	WILSONART		8208K-16	FAWN CYPRESS	CASUAL RUSTIC	
06 4116	L-2	PLASTIC LAMINATE	FORMICA		M9421-99	DARK ROLLED STEEL	METALLIC	
08 8000	WF-1	WINDOW FILM	3M		BLOCKOUT FILM	3635 20b	WHITE (FACE SIDE)	
08 8000	WF-2	WINDOW FILM	3M		FASARA GRADATION	PR - PRIVACY GRADATION	WHITE	ON SELECTED (FG) TYPE DOORS - REFER TO DOOR SCHEDULE
09 3013	WT-2	CERAMIC WALL TILE	TILE BAR	4.5" X 18"	COLORPLAY STEPS	NAUTICAL BLUE	CRACKLED GLOSSY	
09 3013	G-1	GROUT				TBD		
09 5113	APC-1	ACOUSTICAL PANEL CEILING	ARMSTRONG CEILINGS	24" X 24" X 7/8"	1942	ULTIMA HIGH NRC	WHITE	
09 5113	APC-2	ACOUSTICAL PANEL CEILING	ARMSTRONG CEILINGS	24" X 24" X 5/8"	1852	DUNE	WHITE	
09 5113	APC-3	ACOUSTICAL PANEL CEILING	ARMSTRONG CEILINGS	24" X 24" X 5/8"	1831	FINE FISSURED	WHITE	
09 6513	B-2	BASE - RESILIENT	FLEXCO	4"	OUTER BANKS 38	TRADITIONAL COVE BASE		
09 6519	LVT-1	LUXURY VINYL TILE	MANNINGTON COMMERCIAL	7" X 48"	THORNWOOD 4013	LORINGTON		ASHLAR
09 6519	LVT-2	LUXURY VINYL TILE	INTERFACE		LAPIS A02401	CLIFF 4.5MM		ASHLAR
09 6813	CPT-1	CARPET	INTERFACE	50cm X 50cm	LUNAR LANDING 108468	STELLAR HORIZONS	MIDNIGHT	INSTALL IN GRID LAYOUT
09 6813	CPT-2	CARPET	INTERFACE	50cm X 50cm	COSMIC WEB 108458	STELLAR HORIZONS	PEBBLE	INSTALL IN GRID LAYOUT
09 6813	CPT-3	CARPET	INTERFACE	25cm X 1m	METEOR 108454	STELLAR HORIZONS	NAVY	ASHLAR
09 6813	CPT-4	CARPET	INTERFACE	25cm X 1m	402 - 107693	OPEN AIR	OAT	ASHLAR
09 6813	CPT-5	CARPET	INTERFACE	50cm X 50cm	420 - 107812	OPEN AIR	OAT	INSTALL IN GRID LAYOUT
09 6813	CPT-6	CARPET	INTERFACE	50cm X 50cm	420 - 107810	OPEN AIR	NAVY	INSTALL IN GRID LAYOUT
09 8436	FAB-1	FELT ACOUSTIC BAFFLE	CSI CREATIVE		FOLDED BAFFLES 0001	SOUNDCORE	VANILLA BEAN	BASE BID
09 8436	MBC-1	METAL BLADE CEILING	CERTAINTEED		TAVOLA PRIME	BEAM AND BAFFLE	WHITE (RAL-10)	ALTERNATE #2
09 9123	P-1	PAINT	SHERWIN WILLIAMS		SW 7042	SHOJI WHITE	EGGSHELL	FIELD PAINT
09 9123	P-2	PAINT	SHERWIN WILLIAMS		SW 7044	AMAZING GRAY	EGGSHELL	ACCENT PAINT
09 9123	P-3	PAINT	SHERWIN WILLIAMS		SW 6510	LOYAL BLUE	EGGSHELL	ACCENT PAINT
09 9123	P-4	PAINT	SHERWIN WILLIAMS				SEMI-GLOSS	FRAMES AND TRIM - MATCH EXISTING FRAMES
12 3661.13	SS-1	SOLID SURFACE	WILSONART		9209CM	MOON GEYSER		
12 3661.19	Q-1	QUARTZ AGGLOMERATE SURFACE	CORIAN		MARBLE MIST		POLISHED	
12 3661.19	Q-2	QUARTZ AGGLOMERATE SURFACE	CORIAN		QUARTZ	INDIGO SWIRL	POLISHED	

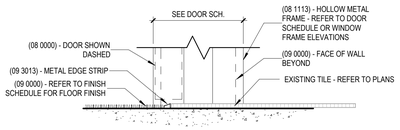


SIGNAGE TYPES
3" = 1'-0"

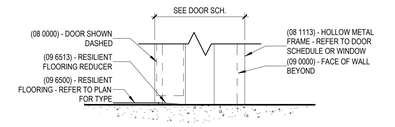


A TRANSITION DETAIL - RESILIENT FLOORING/CARPET
3" = 1'-0"

B TRANSITION DETAIL - RESILIENT/RESILIENT
3" = 1'-0"



C TRANSITION DETAIL - CARPET/TILE
3" = 1'-0"



D TRANSITION DETAIL - RESILIENT FLOORING/CONC
3" = 1'-0"

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PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
1	ADDENDUM 6	4/30/2026

ROOM FINISH AND SIGNAGE SCHEDULE

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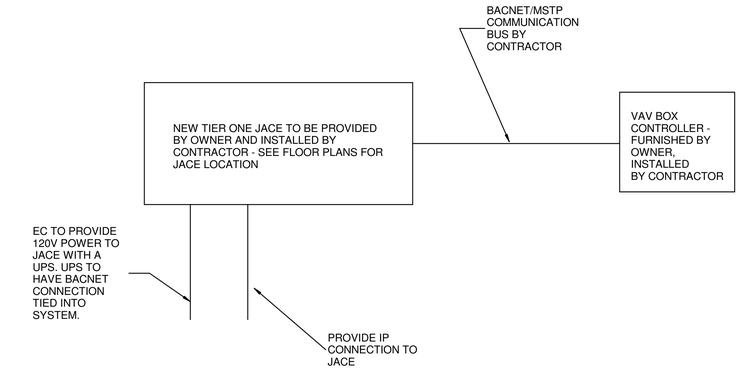
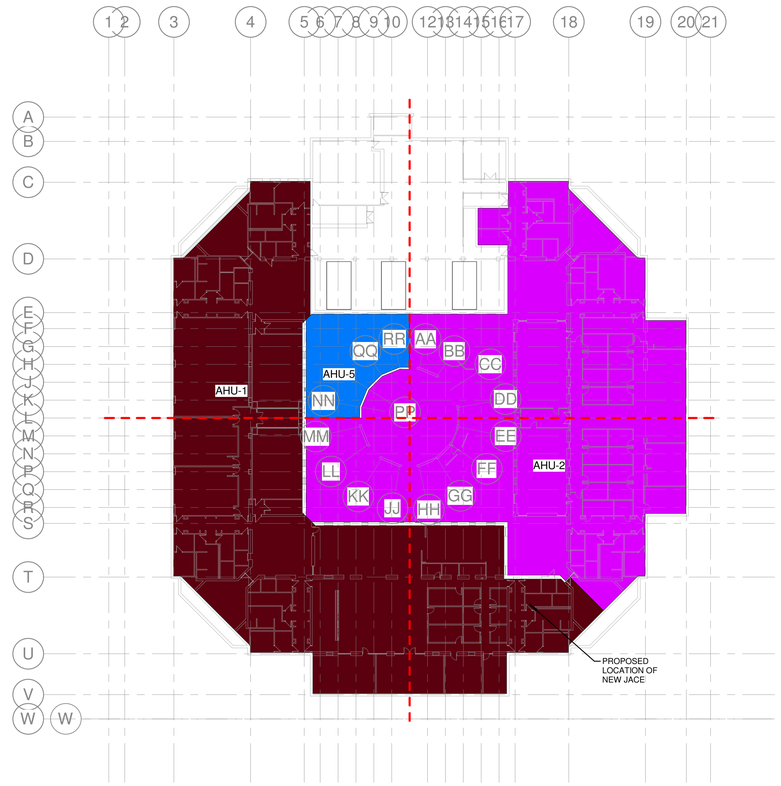


3 23T-000 - SYSTEM ARCHITECTURE DIAGRAM
1/8" = 1'-0"



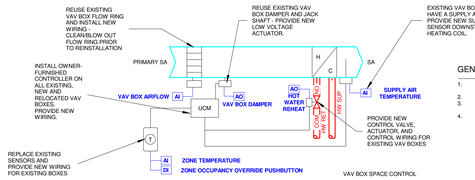
2 MECHANICAL PLAN - BASEMENT AHU ZONING
1/32" = 1'-0"

CONTROL SYSTEM RESPONSIBILITY MATRIX

DESCRIPTION	ELEC CONTR	MECH CONTR	CONT CONTR	COMM CONTR	UK
VAV BOXES		X			
FURNISH AND PROGRAM VAV CONTROLLERS					X
PROVIDE AND INSTALL WIRE AND PROGRAM ALL THERMOSTATS, ALL SENSORS. INSTALL OWNER-FURNISHED VAV CONTROLLERS. ALL DEVICES SHALL HAVE BACNET MSTP CONNECTIONS.			X		
INTEGRATION, TRENDING, GRAPHICS					X
PROVIDE INSTALL AND WIRE 120/1 JUNCTION BOXES	X				
PROVIDE, INSTALL AND WIRE LOW VOLTAGE TRANSFORMERS (INCLUDES TRANSFORMERS FOR RELOCATED EQUIPMENT)	X				
PROVIDE & INSTALL UPS FOR OWNER-FURNISHED/CONTRACTOR-INSTALLED JACE			X		
PROVIDE AND INSTALL BACK BOXES, CONDUITS, PATHWAYS FOR ALL CONTROLS			X		
NETWORK DROP				X	
COMISSIONING		X	X		X

NOTES:
ELEC CONTR SHALL COORDINATE SCOPE WITH MECH CONTR

UK FURNISHED VAV CONTROLLER: DISTECH ECB-VAV CONTROLLER 3



GENERAL NOTES:

1. ALL ANALOG INPUTS (AI) SHALL BE CONFIGURED BY USER FOR HIGH AND LOW LIMITS ALARM.
2. ALL POINTS SHALL BE TRENDED AND HAVE RUN TIME TOTALIZATION.
3. TEMPERATURE CONTROL CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH MANUFACTURER AND PROVIDE POINTS AS NOTED.
4. CONTROLLER MUST BE BACNET/MSTP.

SEQUENCE OF OPERATIONS
For new VAV boxes provide all-new controls and install owner-furnished controller.
For existing VAV boxes that are being reused in the scope of work, install new owner-provided controller and provide and install thermostat and control wiring. Some components of existing VAV boxes are being reused - see notes above for what items are being reused and what items need to be replaced or provided if not currently existing, and see alternates for additional information.

A. VAV Boxes w/Hot Water Reheat
   1. Provide two-way, fail open, modulating control valve for hot water coils on all new and existing boxess within the scope of work.
   2. Install owner-furnished low voltage DDC controller, differential pressure transmitter, actuator and wiring for VAV boxes. Temperature Controls Contractor shall field or factory mount controller at their expense. VAV box manufacturer shall furnish flow ring, 1/2 " round damper shaft for direct mounting of actuator, and control enclosure. Temperature Controls Contractor shall provide transformers with connection to line voltage junction box above ceiling provided by electrical contractor in various locations. Provide room temperature sensor(s) with room temperature setpoint adjustment capability (+/- 3 deg. F., adjustable thru BAS) and override feature (2 hours, adjustable thru BAS). On a call for heat, VAV damper shall modulate down to minimum setpoint position. On a further call for heating, control valve shall open and modulate to maintain space temperature. On a call for cooling, control valve shall close and damper shall modulate open to satisfy room temperature. Provide supply air temperature sensor tied to BAS.
   3. Control and monitoring points shall include but not be limited to the following:
      a. Reheat valve command (AO)
      b. Damper command (AO)
      c. Zone space temperature (AI)
      d. Zone occupancy temperature override (AI)
      e. Actual CFM (AI)
      f. Discharge air temperature (AI)
      g. Occupancy status (DI)

1 23T-033 - SINGLE DUCT VAV BOX W/ HOT WATER REHEAT
1/8" = 1'-0"

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MECHANICAL

PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
1	ADDENDUM 3	04/16/26
2	ADDENDUM 4	04/21/26
3	ADDENDUM 6	05/01/26

MECHANICAL - CONTROLS SHEET

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KLH PROJECT #: 27887

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
PLAN-VIEW LINE TYPES	
	WORK SHOWN FADED INDICATES EXISTING WORK TO REMAIN OR NEW WORK BY OTHERS AS APPLICABLE
	WORK SHOWN BOLD-DASHED INDICATES SELECTIVE DEMOLITION WORK
	WORK SHOWN BOLD-CONTINUOUS INDICATES NEW WORK
DRAWING SET APPEARANCE	
TO BETTER COMMUNICATE SCOPE TO PERMIT AGENCIES AND CONTRACTORS, EACH DRAWING IN THIS DRAWING SET HAS BEEN CREATED IN BOTH "COLOR" AND "BLACK AND WHITE". THERE EXISTS A COLOR LAYER WITHIN EACH DRAWING WHERE VISIBILITY IS CONTROLLED THROUGH THE PDF LAYER MANAGER. THIS LAYER VISIBILITY CAN BE TOGGLED DISPLAYING EITHER "COLOR" OR "BLACK AND WHITE". TO MAINTAIN SCOPE BASED SHADING WHEN PRINTING TO PAPER, BLACK AND WHITE NEEDS TO BE VISIBLE. FOR FURTHER INSTRUCTIONS, REFER TO CONTRACTOR RESOURCES ON OUR WEBSITE AND DOWNLOAD "DRAWING COLOR INSTRUCTIONS". WWW.KLHENGRS.COM - CONTRACTOR RESOURCES (RIGHT HAND SIDE OF PAGE).	
PIPING LINE TYPES	
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
LPS	LOW PRESSURE STEAM
LPC	LOW PRESSURE STEAM CONDENSATE
MECHANICAL PIPING ACCESSORIES	
	MANUAL ISOLATION VALVE
	AUTOMATIC BALANCING VALVE
	MANUAL BALANCING VALVE
	UNION
	TEMPERATURE & PRESSURE TEST PORT
	FLOW DIRECTION
	FLEX PIPING CONNECTOR
	Y-STRAINER
	STRAINER WITH BLOW OFF
	DRAIN VALVE (3/4" UNLESS OTHERWISE NOTED)
AV	MANUAL AIR VENT
2-WAY CONTROL VALVE (MODULATING)	

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
MECHANICAL AIR DEVICES	
SR	SUPPLY REGISTER
RG	RETURN GRILLE
CD	CEILING DIFFUSER
CD-10"Ø	2'x2' SQUARE CEILING DIFFUSER WITH 10" NECK
	LINEAR SLOT DIFFUSER
MECHANICAL DUCTWORK	
24X12 SA	SUPPLY DUCT
24X12 RA	RETURN DUCT
24X12 EA	EXHAUST DUCT
24X12 OA	OUTSIDE AIR DUCT
	1" LINED DUCTWORK
	DUCT FLEX CONNECTOR
	FLEXIBLE DUCTWORK CONNECTION
	BRANCH TAKEOFF
	REDUCER, CONCENTRIC
	REDUCER, NONCONCENTRIC
MECHANICAL DUCTWORK ACCESSORIES	
	DUCT WITH MANUAL VOLUME DAMPER
	ELBOW WITH TURNING VANES

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
MECHANICAL STATS & SENSORS	
T	LOW VOLTAGE THERMOSTAT
MECHANICAL MISCELLANOUS	
DI	DIGITAL INPUT
DO	DIGITAL OUTPUT
AI	ANALOG INPUT
AO	ANALOG OUTPUT
I	HARD WIRE INTERLOCK
	CONNECT TO EXISTING (FIELD VERIFY EXISTING UTILITY SERVICE TYPE, PRIOR TO MAKING CONNECTION)

HVAC ALTERNATES

ALTERNATE NO. 4: RELOCATED VAV BOXES

BASE BID: REFER TO THE MECHANICAL DRAWINGS. THE 23 EXISTING HOT WATER VAV BOXES TO BE RELOCATED TO RECEIVE CONTROLS UPGRADES (OLD DDC STANDARD TO NEW DDC STANDARD) IN THE BASE BID. CONTROLLERS ARE OWNER-FURNISHED, CONTRACTOR-INSTALLED.

ALTERNATE BID: THE 23 EXISTING VAV BOXES TO BE RELOCATED WILL BE REPLACED WITH NEW. CONTROLLERS ARE OWNER-FURNISHED, CONTRACTOR-INSTALLED.

REFER TO M601 FOR MAXIMUM AND MINIMUM AIRFLOWS ALONG WITH HEATING MBH TO ALLOW FOR SELECTION OF NEW EQUIPMENT TO MATCH THE PERFORMANCE OF EXISTING. REFER TO NEW VAVs WITHIN THAT SAME SCHEDULE FOR VAV BASIS OF DESIGN. (3)

ALTERNATE NO. 5: VAV BOXES TO REMAIN

BASE BID: REFER TO THE MECHANICAL DRAWINGS. EXISTING HOT WATER VAV BOXES TO REMAIN IN PLACE TO RECEIVE CONTROLS UPGRADES (OLD DDC STANDARD TO NEW DDC STANDARD) IN THE BASE BID. CONTROLLERS ARE OWNER-FURNISHED, CONTRACTOR-INSTALLED.

ALTERNATE BID: THE 44 EXISTING VAV BOXES TO REMAIN IN PLACE WILL BE REPLACED WITH NEW. CONTROLLERS ARE OWNER-FURNISHED, CONTRACTOR-INSTALLED.

REFER TO M601 FOR MAXIMUM AND MINIMUM AIRFLOWS ALONG WITH HEATING MBH TO ALLOW FOR SELECTION OF NEW EQUIPMENT TO MATCH THE PERFORMANCE OF EXISTING. REFER TO NEW VAVs WITHIN THAT SAME SCHEDULE FOR VAV BASIS OF DESIGN. (3)

COMMON TO THESE ALTERNATES:
NEW CONTROL VALVES, NEW ACTUATORS, AND NEW CONTROL WIRING TO BE PROVIDED FOR ALL EXISTING-TO-REMAIN AND RELOCATED VAVs.

THERE ARE (9) VAV BOXES (V1-B97; V1-B-EX2; V1-B117; V1-B-EX1; V2-B-EX2; V2-B14; V2-B39; AND V1-B44A) THAT ARE EXISTING-TO-REMAIN AND SERVE OUT-OF-SCOPE AREAS. THESES BOXES WILL NOT RECEIVE CONTROLS/VALVES/ACTUATORS - ONLY SCOPE FOR THESE BOXES IS PRE-CONSTRUCTION BALANCING AND THEN RE-BALANCING TO PRE-CONSTRUCTION AIR/WATER FLOWS AT THE PROJECT CLOSEOUT.

NEW WORK GENERAL NOTES

A. PROVIDE ALL LABOR, MATERIAL, AND EQUIPMENT NECESSARY TO COMPLETELY FURNISH, INSTALL, AND PLACE INTO OPERATION, ALL SYSTEMS SHOWN ON THE DRAWINGS AND DELINEATED IN THE SPECIFICATIONS IN ACCORDANCE WITH ALL STATE AND LOCAL CODES AND ORDINANCES. REPORT ANY KNOWN DISCREPANCIES TO THE ARCHITECT/ENGINEER PRIOR TO INSTALLATION.
B. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT LOCATIONS OF CEILING DIFFUSERS, REGISTERS AND GRILLES.
C. DO NOT SCALE DRAWINGS; REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATIONS OF WALLS, DOORS, WINDOWS, AND CABINETRY.
D. COORDINATE WORK AND SPACE REQUIREMENTS IN CEILING SPACES WITH OTHER TRADES PRIOR TO INSTALLATION.
E. PROVIDE VOLUME DAMPERS AT ALL SUPPLY, RETURN, AND EXHAUST DUCT BRANCH TAKE-OFFS.
F. PROVIDE TURNING VANES IN ALL 90 DEGREE MITERED ELBOWS. OMIT TURNING VANES IN ACOUSTIC LINED RETURN DUCT ELBOWS.
G. PROVIDE FLEXIBLE DUCT ON INLET TO EACH CEILING DIFFUSER. CUT FLEXIBLE DUCTS TO LENGTH NEEDED AND INSTALL WITHOUT KINKS OR SHARP BENDS (BENDS WITH CENTERLINE RADIUS LESS THAN DUCT DIAMETER). SUPPORT FLEXIBLE DUCTS WITH MINIMUM 1" WIDE METAL STRAPS OR SADDLES.
H. SIZES OF ACOUSTIC LINED DUCTS ARE NET INSIDE DIMENSION. INCREASE SHEET METAL SIZE ACCORDINGLY.
I. RUNOUTS TO CEILING DIFFUSERS ARE THE SAME SIZE AS THE DIFFUSER NECK UNLESS NOTED OTHERWISE.
J. INSTALL ALL EQUIPMENT WITH CODE REQUIRED AND MANUFACTURER RECOMMENDED MINIMUM CLEARANCES FOR SERVICE, ACCESS, AND FIRE PROTECTION.
K. ALL MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTME E 84.

DEMOLITION GENERAL NOTES

A. REMOVE EXISTING DUCTWORK, CONTROLS, AND MISCELLANEOUS HVAC EQUIPMENT NOT INTENDED FOR REUSE. FIELD VERIFY THE EXACT SCOPE PRIOR TO BID. COORDINATE ALL DEMOLITION WORK WITH THE UNIVERSITY AND GENERAL CONTRACTOR.

STANDARD HVAC ABBREVIATIONS

AAV	AUTOMATIC AIR VENT	HD	HEAD	RO	REVERSE OSMOSIS
ACCESS	ACCESSORIES	HOA	HAND/OFF/AUTOMATIC	RPM	REVOLUTIONS PER MINUTE
AD	ACCESS DOOR	HP	HORSEPOWER	RS	REFRIGERANT SUCTION
AFF	ABOVE FINISHED FLOOR	HPR	HIGH PRESSURE RETURN (STEAM CONDENSATE)	SA	SUPPLY AIR
AMP	AMPERE			SAT	SUPPLY AIR TEMPERATURE
AP	ACCESS PANEL	HSTAT	HUMIDISTAT	SC	SHADING COEFFICIENT
APD	AIR PRESSURE DROP	HTG	HEATING	SCD	SMOKE CONTROL DAMPER
ARI	AIR CONDITIONING AND REFRIGERATION INSTITUTE	HWR	HEATING HOT WATER RETURN	SD	SMOKE DETECTOR
ASME	AMERICAN SOCIETY OF MECHANICAL ENGINEERS	HWS	HEATING HOT WATER SUPPLY	SENS	SENSIBLE HEAT
BAS	BUILDING AUTOMATION SYSTEM	HZ	HERTZ	SP	STATIC PRESSURE
BD	BACKDRAFT DAMPER	I/O	INPUT/OUTPUT	TAB	TESTING, ADJUSTING, BALANCE
BHP	BRAKE HORSEPOWER	IAQ	INDOOR AIR QUALITY	TDH	TOTAL DYNAMIC HEAD
BTU	BRITISH THERMAL UNIT	IN HG	INCHES OF MERCURY	TDS	TOTAL DISSOLVED SOLIDS
BTUH	BRITISH THERMAL UNIT PER HOUR	IN WC	INCH WATER COLUMN	TSP	TOTAL STATIC PRESSURE
CD	CEILING DIFFUSER	IN WG	INCH WATER GAUGE	TSTAT	THERMOSTAT
CFH	CUBIC FEET PER HOUR	IPLV	INTERGRATED PART LOAD VALUE	UL	UNDERWRITERS LABORATORY
CFM	CUBIC FEET PER MINUTE	INST	INSTALLED	VAV	VARIABLE AIR VOLUME
CHWR	CHILLED WATER RETURN	KW	KILOWATT	VFD	VARIABLE FREQUENCY DRIVE
CHWS	CHILLED WATER SUPPLY	KWH	KILOWATT HOUR	WB	WET-BULB (TEMPERATURE)
CI	CAST IRON	LAT	LEAVING AIR TEMPERATURE	WG	WATER GAGE
CLG	COOLING	LBS/HR	POUNDS PER HOUR	WPD	WATER SIDE PRESSURE DROP
CO	CARBON MONOXIDE	LF	LINEAR FOOT (FEET)	WIRE	WIRED
CO2	CARBON DIOXODE	LPR	LOW PRESSURE RETURN (STEAM CONDENSATE)		
COP	COEFFICIENT OF PERFORMANCE				
CV	CONSTANT VOLUME	LPS	LOW PRESSURE STEAM		
CWR	CONDENSER WATER RETURN	LWT	LEAVING WATER TEMPERATURE		
CWS	CONDENSER WATER SUPPLY	MAX	MAXIMUM		
DB	DECIBELS	MBH	1000 BTUH		
DB	DRY-BULB TEMPERATURE	MCA	MINIMUM BRANCH CIRCUIT AMPACITY		
DC	DISCONNECT	MERV	MINIMUM EFFICIENCY REPORTING VALUE		
DDC	DIRECT DIGITAL CONTROLS	MIN	MINIMUM		
DEG	DEGREE DELTA(CHANGE IN TEMPERATURE)	MOD	MOTOR OPERATED DAMPER		
DIA	DIAMETER	MPR	MEDIUM PRESSURE RETURN (STEAM CONDENSATE)		
DIW	DEIONIZED WATER				
DP	DEW POINT TEMPERATURE	MPS	MEDIUM PRESSURE STEAM		
DX	DIRECT EXPANSION	MRI	MAGNETIC RESONANCE IMAGING		
EA	EXHAUST AIR	MVD	MANUAL VOLUME DAMPER		
EAT	ENTERING AIR TEMPERATURE	NA	NOT APPLICABLE		
EER	ENERGY EFFICIENCY RATIO	NC	NOISE CRITERIA		
EG	EXHAUST GRILLE	NC	NORMALLY CLOSED		
EMERG	EMERGENCY POWER	NO	NORMALLY OPEN		
ESP	EXTERNAL STATIC PRESSURE	NTS	NOT TO SCALE		
EWT	ENTERING WATER TEMPERATURE	OA	OUTSIDE AIR		
EX.	EXISTING	OCP	OVER CURRENT PROTECTION		
F	FAHRENHEIT	PD	PRESSURE DROP		
F&T	FLOAT AND THERMOSTATIC	PPM	PARTS PER MILLION		
FA	FREE AREA	PRS	PRESSURE REGULATING (VALVE) STATION		
FD	FIRE DAMPER	PRV	PRESSURE REGULATING VALVE		
FLA	FULL LOAD AMPERES	PSI	POUNDS PER SQUARE INCH		
FPM	FEET PER MINUTE	PSIA	POUNDS PER SQUARE INCH – ABSOLUTE		
FPS	FEET PER SECOND	PSIG	POUNDS PER SQUARE INCH – GAGE		
FT	FEET	RA	RETURN AIR		
FURN	FURNISHED	RAT	RETURN AIR TEMPERATURE		
GA	GAUGE	RH	RELATIVE HUMIDITY		
GAL	GALLONS	RL	REFRIGERANT LIQUID LINE		
GPM	GALLONS PER MINUTE	RLA	RUN LOAD AMPERE		

MECHANICAL DRAWING INDEX

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MECHANICAL

PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
1	ADDENDUM 3	04/16/26
3	ADDENDUM 6	05/01/26

MECHANICAL COVER SHEET

M-001

KLH PROJECT #: 27887

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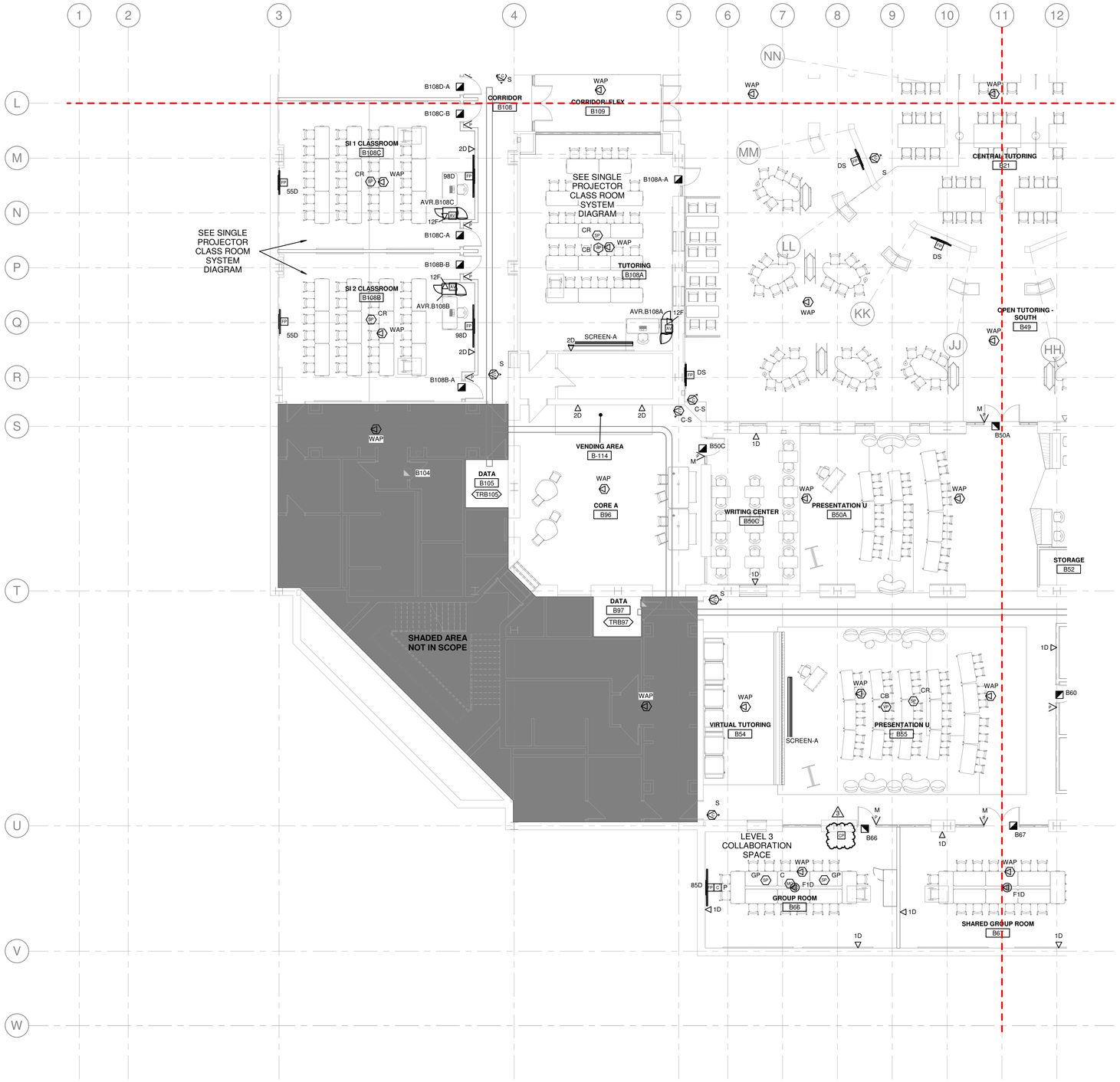

1 **TECHNOLOGY PLAN - BASEMENT - AREA A**
1/8" = 1'-0"

KEYED NOTES

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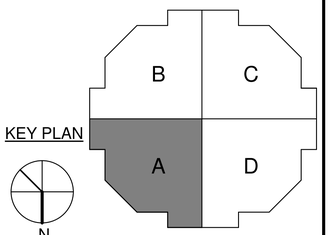
TECHNOLOGY

PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
3	ADDENDUM 6	05/01/26

KEY PLAN



TECHNOLOGY BASEMENT PLAN AREA A

T-100A

KLH PROJECT #: 27887

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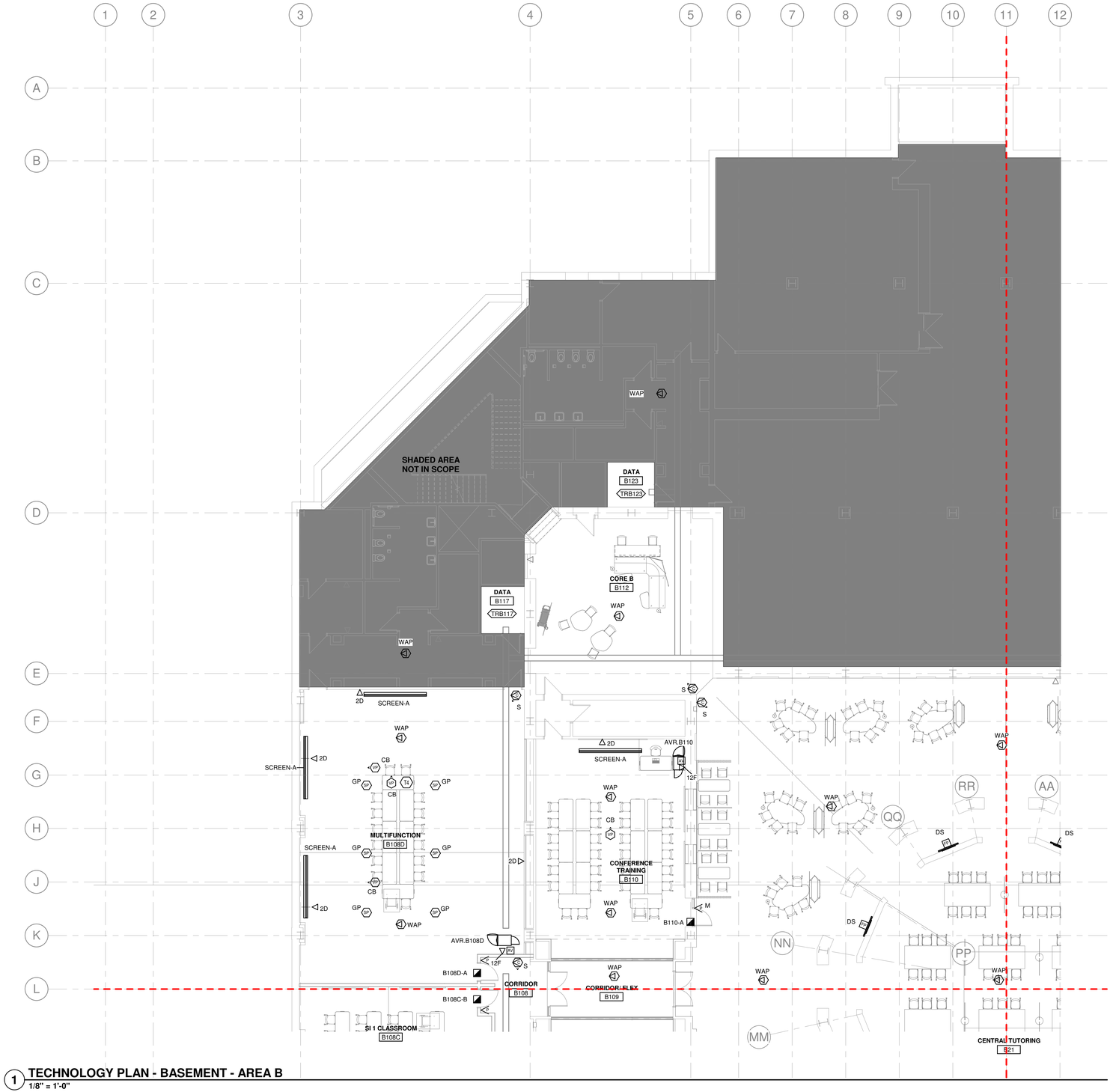

1 **TECHNOLOGY PLAN - BASEMENT - AREA B**
1/8" = 1'-0"

KEYED NOTES

T4	SEE DUAL PROJECTOR SYSTEM DIAGRAM. ADD (1) ADDITIONAL PROJECTOR AND SCREEN. PROVIDE 'GP' TYPE SPEAKER INSTEAD OF CR. THESE NOTES ONLY APPLY TO ROOM B108D. EXPAND MATRIX AS NEEDED TO ACCOMMODATE ADDITIONAL OUTPUT.

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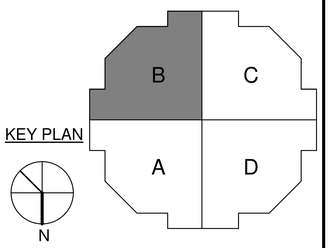
TECHNOLOGY	
PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
3	ADDENDUM 6	05/01/26

KEY PLAN



TECHNOLOGY BASEMENT PLAN AREA B

T-100B

KLH PROJECT #: 27887

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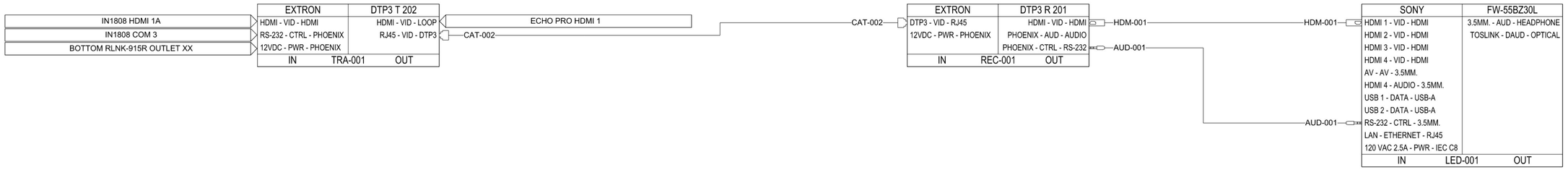
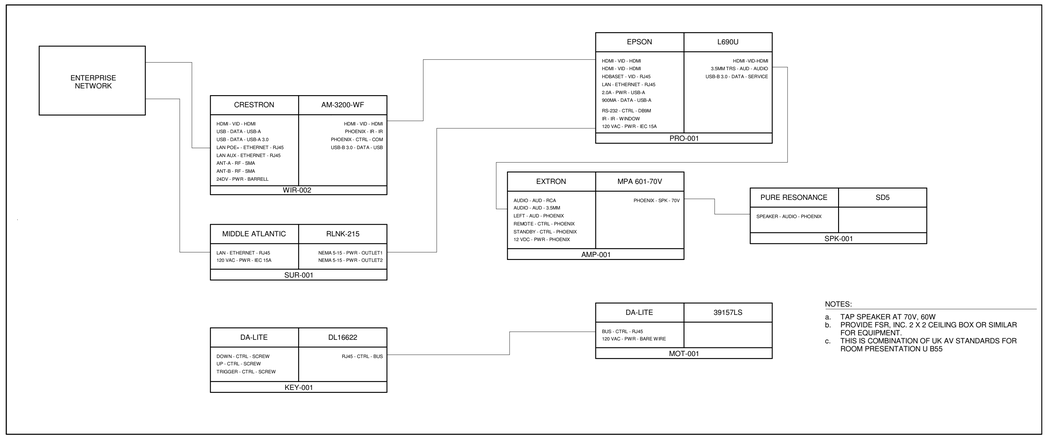
GENERAL NOTES

A. OVERALL SYSTEM DIAGRAMS SHOWN ARE UK STANDARDS WITH PROJECT SPECIFIC NOTES.
B. CONTRACTOR TO REFERENCE UK STANDARDS AT https://facilities.uky.edu/planning-design-construction/capital-projects/design-standards/division/19



UK SINGLE PROJECTOR CLASSROOM CONFIDENCE MONITOR ADD-ON
1/8" = 1'-0"



NOTES:
a. TAP SPEAKER AT 70V, 60W
b. PROVIDE FSR, INC. 2 X 2 CEILING BOX OR SIMILAR FOR EQUIPMENT.
c. THIS IS COMBINATION OF UK AV STANDARDS FOR ROOM PRESENTATION U B55

PRESENTATION U B55 AV SYSTEM
1/8" = 1'-0"

Collaboration Space Level 3

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Crestron	AM-3200-WF	Wireless presentation system	1	Yes	No	GC
Sony	FW-xxBZ30L	Professional display. See schedule.	1	Yes	No	GC
Crestron	TSW-770-B-S	Touch panel	1	Yes	No	GC
Crestron	CEN-ODT-C-POE	Occupancy sensor	1	Yes	No	GC
Middle Atlantic	RLNK-215	Surface-mount power strip	1	Yes	No	GC
Crestron	AM-TX3-100	USB-C transmitter	1	Yes	No	GC
Shure	P300-IMX	Audio DSP	1	Yes	No	GC
Sennheiser	TeamConnect Ceiling 2	Ceiling microphone array	1	Yes	No	GC
JBL	Control 226CT	Ceiling speaker	2	Yes	No	GC
Extron	MPA 601-70V	70V audio amplifier	1	Yes	No	GC
Crestron	IV-CAM-I12-B	PTZ camera	1	Yes	No	GC
Commscope		Network patch cords	*	Yes	No	GC
Varies	Varies	Power and AV patch cords	*	Yes	No	GC

SYSTEM NOTES

A. THESE SCHEDULES ARE EXTRACTED FROM THE UNIVERSITY OF KENTUCKY AV STANDARDS FOR A 'COLLABORATION SPACE LEVEL 3'.
B. SEE UNIVERSITY OF KENTUCKY STANDARDS FOR FULL CONNECTIVITY DIAGRAM.
   a. https://facilities.uky.edu/planning-design-construction/capital-projects/official-design-standards
C. SEE SCHEDULES FOR DISPLAY SIZES.
D. PROVIDE MOUNTS FOR ALL TVS AND PROJECTORS. MOUNTS TO BE INSTALLED BY GC IN ACCORDANCE TO UK GUIDELINES. AV CONTRACTOR IS NOT TO INSTALL MOUNTS.
E. PROVIDE SPECTRUM LECTERN MODEL 20002. VERIFY FINISH BEFORE ORDERING.

UK COLLABORATION SYSTEM LEVEL 3
1/8" = 1'-0"

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TECHNOLOGY

PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
3	ADDENDUM 6	05/01/26

TECHNOLOGY AV SYSTEMS

T-641

KLH PROJECT #: 27887

AV COMPONENTS AND PERIPHERALS

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Lumens	PC193	Document camera	1	Yes	No	GC
Shure	MX393/O	Boundary microphone	1	Yes	No	GC
Echo360	ES-HW-PRO002	Lecture capture appliance	1	Yes	No	GC
Dell	QBS1250	Instructor PC	1	Yes	No	GC
Dell	P2225H	Instructor monitor	1	Yes	No	GC
Extron	IN1808 IPCP Q MA 70 LL	AV switcher & control processor	1	Yes	No	GC
Epson	L690U	Laser projector	1	Yes	No	GC
Da-Lite	39157LS	Motorized projection screen	1	Yes	No	GC
Crestron	AM-3100-WF	Wireless presentation gateway	1	Yes	No	GC
Epiphan	AV.io HD+	USB capture device	1	Yes	No	GC
Extron	DTP HDMI 4K 230 RX	HDBaseT receiver	1	Yes	No	GC
Extron	DA2 HD 4K Plus	HDMI distribution amplifier	1	Yes	No	GC
Pure Resonance	SD5	Ceiling speaker	1	Yes	No	GC
Middle Atlantic	ERK-2128LRD	Equipment rack	1	Yes	No	GC
Varies	Varies	Patch cords	*	Yes	No	GC
Anker	A7505	USB hub	1	Yes	No	GC
Extron	70-1235-02	USB panel adapter	1	Yes	No	GC
Comprehensive	HDJ-J	Adapter	5	Yes	No	GC
Extron	EBP200	Panel adapter	1	Yes	No	GC
Da-Lite	DL16622	Key switch	1	Yes	No	GC

NETWORK AND PROCESSING

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Cisco	C9300L-24P-4X-E	Network switch	1	No	Yes	OWNER
Axis	M4216-V	IP camera	1	Yes	No	GC
Commscope	Varies	Patch cords	*	Yes	No	GC
Comscope	012ZD9-T1301-M2	Network fiber	1	Yes	No	GC

POWER CONDITIONING AND DISTRIBUTION

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Middle Atlantic	RLNK-915R	Rack-mounted PDU	2	Yes	No	GC
Middle Atlantic	RLNK-215	Rack-mounted PDU	1	Yes	No	GC
Furman	M-8X2	Power conditioner	1	Yes	No	GC
Tripp Lite	602-15	Power strip	1	Yes	No	GC
Middle Atlantic	QBP-2	Rack fan	2	Yes	No	GC
Extron	60-1936-02	Table mount outlet	1	Yes	No	GC

SYSTEM NOTES

A. THESE SCHEDULES ARE EXTRACTED FROM THE UNIVERSITY OF KENTUCKY AV STANDARDS FOR A 'SINGLE PROJECTOR CLASSROOM'.
B. SEE UNIVERSITY OF KENTUCKY STANDARDS FOR FULL CONNECTIVITY DIAGRAM.
   a. https://facilities.uky.edu/planning-design-construction/capital-projects/official-design-standards
C. SEE SCHEDULES FOR DISPLAY SIZES.
D. SEE FLOOR PLANS FOR DISPLAY TYPES.
E. SEE FLOOR PLANS FOR CONFIDENCE DISPLAY LOCATIONS.
F. ALL CONNECTIONS BETWEEN EQUIPMENT RACK AND WORK SURFACE ARE TO BE EASILY DETACHED.
   a. HDMI CABLES ARE TO BE COUPLED UNDER WORK SURFACE.
   b. USB CONNECTIONS FOR MOUSE AND KEYBOARD ARE TO BE CONNECTED TO USB EXTENSION CABLES UNDER WORK SURFACE. USB CONNECTIONS FOR TABLE JACKS ARE TO BE CONNECTED TO A-B CABLES UNDER WORK SURFACE.
G. CONNECTION BETWEEN CAMERA AND EQUIPMENT RACK IS MADE WITH AN AOC HDMI CABLE. TO REDUCE STRAIN, AOC CABLE IS TO BE COUPLED TO A STANDARD HDMI CABLE AT BOTH ENDS. COUPLER AND CABLES SHALL BE FASTENED SECURELY TO STRUCTURE OR EQUIPMENT RACK TO REDUCE STRAIN.
H. ENABLE PHANTOM POWER FOR MIC 1 INPUT WITHIN CROSSPOINT SETTINGS.
I. TAP SPEAKER AT 70V, 60W.
J. NETWORK SWITCH IS CONFIGURED BY UNIVERSITY OF KENTUCKY IT SERVICES WITH MULTIPLE VLANS. SWITCH MUST BE CONNECTED IN ACCORDANCE WITH THIS SCHEMATIC IN ORDER FOR SYSTEM TO OPERATE PROPERLY.
K. PROJECTION SCREEN TO BE HARD-WIRED TO BUILDING ELECTRICAL SYSTEM BY LICENSED ELECTRICIAN. SEE AV RACEWAY RISE DIAGRAM FOR FURTHER DETAILS.
L. EQUIPMENT RACK TO BE BONDED TO BUILDING ELECTRICAL GROUND BY LICENSED ELECTRICIAN. MINIMUM 6AWG GREEN THHN REQUIRED.
M. PROVIDE MOUNTS FOR ALL TVS OR PROJECTORS. MOUNTS TO BE INSTALLED BY GC IN ACCORDANCE TO UK GUIDELINES. AV CONTRACTOR IS NOT TO INSTALL MOUNTS.
N. PROVIDE SPECTRUM LECTERN MODEL 20002. VERIFY FINISH BEFORE ORDERING.

UK SINGLE PROJECTOR CLASSROOM

1/8" = 1'-0"

Collaboration Space Level 2

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Crestron	AM-3200-WF	Wireless presentation system	1	Yes	No	GC
Sony	FW-xxBZ30L	Professional display. See Schedule	1	Yes	No	GC
Comprehensive	WPPT-HD1-AC	HDMI wall plate	1	Yes	No	GC
Crestron	TSW-770-B-S	Touch panel	1	Yes	No	GC
Crestron	CEN-ODT-C-POE	Occupancy sensor	1	Yes	No	GC
Middle Atlantic	RLNK-215	Surface-mount power strip	1	Yes	No	GC
Crestron	AM-TX3-100	USB-C transmitter	1	Yes	No	GC
Crestron	UC-SB1-CAM	USB soundbar with camera	1	Yes	No	GC
Commscope		Network patch cords	*	Yes	No	GC
Varies	Varies	Power and AV patch cords	*	Yes	No	GC

SYSTEM NOTES

A. THESE SCHEDULES ARE EXTRACTED FROM THE UNIVERSITY OF KENTUCKY AV STANDARDS FOR A 'COLLABORATION SPACE LEVEL 2'.
B. SEE UNIVERSITY OF KENTUCKY STANDARDS FOR FULL CONNECTIVITY DIAGRAM.
   a. https://facilities.uky.edu/planning-design-construction/capital-projects/official-design-standards
C. SEE SCHEDULES FOR DISPLAY SIZES.
D. PROVIDE MOUNTS FOR ALL TVS AND PROJECTORS. MOUNTS TO BE INSTALLED BY GC IN ACCORDANCE TO UK GUIDELINES. AV CONTRACTOR IS NOT TO INSTALL MOUNTS.

UK COLLABORATION SYSTEM LEVEL 2

1/8" = 1'-0"

Collabortion Space Level 1

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Crestron	AM-3200-WF	Wireless presentation system	1	Yes	No	GC
Sony	FW-xxBZ30L	Professional display. See schedule.	1	Yes	No	GC
Comprehensive	WPPT-HD1-AC	HDMI wall plate	1	Yes	No	GC
Crestron	TSW-770-B-S	Touch panel	1	Yes	No	GC
Crestron	CEN-ODT-C-POE	Occupancy sensor	1	Yes	No	GC
Crestron	AM-TX3-100	USB-C transmitter	1	Yes	No	GC
Middle Atlantic	RLNK-215	Surface mount power strip	1	Yes	No	GC
Commscope		Network patch cords	*	Yes	No	GC
Varies	Varies	Power and AV	*	Yes	No	GC

SYSTEM NOTES

A. THESE SCHEDULES ARE EXTRACTED FROM THE UNIVERSITY OF KENTUCKY AV STANDARDS FOR A 'COLLABORATION SPACE LEVEL 1'.
B. SEE UNIVERSITY OF KENTUCKY STANDARDS FOR FULL CONNECTIVITY DIAGRAM.
   a. https://facilities.uky.edu/planning-design-construction/capital-projects/official-design-standards
C. SEE SCHEDULES FOR DISPLAY SIZES.
D. PROVIDE MOUNTS FOR ALL TVS AND PROJECTORS. MOUNTS TO BE INSTALLED BY GC IN ACCORDANCE TO UK GUIDELINES. AV CONTRACTOR IS NOT TO INSTALL MOUNTS.

UK COLLABORATION SYSTEM LEVEL 1

1/8" = 1'-0"

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RESERVED FOR AHJ STAMP

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KOHRS LONNEMANN HEIL ENGINEERS, INC.
MECHANICAL/ELECTRICAL ENGINEERS
WWW.KLHENGRS.COM
1538 ALEXANDRIA PIKE, SUITE 11
FT. THOMAS, KENTUCKY 41075
800-354-9783
859-442-8050
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BID DOCUMENTS

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UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

TECHNOLOGY

PROJECT	202586
DATE	03.31.2026

REVISIONS

No.	Description	Date
3	ADDENDUM 6	05/01/26

TECHNOLOGY AV SYSTEMS

T-642

KLH PROJECT #: 27887

AV COMPONENTS AND PERIPHERALS

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Shure	MX393/O	Boundary Microphone	1	Yes	No	GC
Echo360	ES-HW-PRO002	Lecture Capture Appliance	1	Yes	No	GC
Dell	QBS1250	Instructor PC	1	Yes	No	GC
Dell	P2225H	Instructor Monitor	1	Yes	No	GC
Epson	L690U	Laser Projector	2	Yes	No	GC
Crestron	AM-3100-WF	Wireless Presentation Gateway	1	Yes	No	GC
Epiphan	AV.io HD+	USB Capture Device	1	Yes	No	GC
Pure Resonance	SD5	Ceiling Speaker	1	Yes	No	GC
Da-Lite	39157LS	Motorized Projection Screen	2	Yes	No	GC
Middle Atlantic	ERK-2128LRD	Equipment rack	1	Yes	No	GC
Varies	Varies	Patch cords	*	Yes	No	GC
Anker	A7505	USB hub	1	Yes	No	GC
Extron	70-1235-02	USB panel adapter	1	Yes	No	GC
Comprehensive	HDJ-J	Adapter	5	Yes	No	GC
Lumens	PC193	Document Camera	1	Yes	No	GC
Extron	DA2 HD 4K Plus	HDMI distribution amplifier	2	Yes	No	GC
Da-Lite	DL16622	Key switch	2	Yes	No	GC
Extron	DTP3 R 201	HDBaseT Receiver	2	Yes	No	GC

NETWORK AND PROCESSING

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Cisco	C9300L-24P-4X-E	Network Switch	1	No	Yes	OWNER
Axis	M4216-V	IP Camera	1	Yes	No	GC
Extron	DTP3 CrossPoint 622 IPCP A LL	AV Switcher & Control	1	Yes	No	GC
Varies	Varies	Patch cords	*	Yes	No	GC
Corning	012ZD9-T1301-M2	Network fiber	1	Yes	No	GC
Extron	TLP PRO 725T B	Control surface	1	Yes	No	GC

POWER CONDITIONING AND DISTRIBUTION

Manufacturer	Model	Description	Quantity	Provided by GC	Provided by Owner	Installed by
Middle Atlantic	RLNK-915R	Rack-mounted PDU	2	Yes	No	GC
Middle Atlantic	RLNK-215	Rack-mounted PDU	2	Yes	No	GC
Furman	M-8X2	Power Conditioner	1	Yes	No	GC
Tripp Lite	602-15	Power Strip	1	Yes	No	GC
Middle Atlantic	QBP-2	Rack fan	2	Yes	No	GC
Extron	60-1936-02	Table mount outlet	1	Yes	No	GC

SYSTEM NOTES

A. THESE SCHEDULES ARE EXTRACTED FROM THE UNIVERSITY OF KENTUCKY AV STANDARDS FOR A 'DUAL PROJECTOR CLASSROOM'.
B. SEE UNIVERSITY OF KENTUCKY STANDARDS FOR FULL CONNECTIVITY DIAGRAM.
   a. https://facilities.uky.edu/planning-design-construction/capital-projects/official-design-standards
C. SEE SCHEDULES FOR DISPLAY SIZES.
D. SEE FLOOR PLANS FOR DISPLAY TYPES.
E. SEE FLOOR PLANS FOR CONFIDENCE DISPLAY LOCATIONS.
F. ALL CONNECTIONS BETWEEN EQUIPMENT RACK AND WORK SURFACE ARE TO BE EASILY DETACHED.
   a. HDMI CABLES ARE TO BE COUPLED UNDER WORK SURFACE.
   b. USB CONNECTIONS FOR MOUSE AND KEYBOARD ARE TO BE CONNECTED TO USB EXTENSION CABLES UNDER WORK SURFACE. USB CONNECTIONS FOR TABLE JACKS ARE TO BE CONNECTED TO A-B CABLES UNDER WORK SURFACE.
G. CONNECTION BETWEEN CAMERA AND EQUIPMENT RACK IS MADE WITH AN AOC HDMI CABLE. TO REDUCE STRAIN, AOC CABLE IS TO BE COUPLED TO A STANDARD HDMI CABLE AT BOTH ENDS. COUPLER AND CABLES SHALL BE FASTENED SECURELY TO STRUCTURE OR EQUIPMENT RACK TO REDUCE STRAIN.
H. ENABLE PHANTOM POWER FOR MIC 1 INPUT WITHIN CROSSPOINT SETTINGS.
I. TAP SPEAKER AT 70V, 60W.
J. NETWORK SWITCH IS CONFIGURED BY UNIVERSITY OF KENTUCKY IT SERVICES WITH MULTIPLE VLANS. SWITCH MUST BE CONNECTED IN ACCORDANCE WITH THIS SCHEMATIC IN ORDER FOR SYSTEM TO OPERATE PROPERLY.
K. PROJECTION SCREEN TO BE HARD-WIRED TO BUILDING ELECTRICAL SYSTEM BY LICENSED ELECTRICIAN. SEE AV RACEWAY RISE DIAGRAM FOR FURTHER DETAILS.
L. EQUIPMENT RACK TO BE BONDED TO BUILDING ELECTRICAL GROUND BY LICENSED ELECTRICIAN. MINIMUM 6AWG GREEN THHN REQUIRED.
M. PROVIDE MOUNTS FOR ALL TVS OR PROJECTORS. MOUNTS TO BE INSTALLED BY GC IN ACCORDANCE TO UK GUIDELINES. AV CONTRACTOR IS NOT TO INSTALL MOUNTS.

UK DUAL PROJECTOR CLASSROOM

3/8" = 1'-0"

△3

JRA architects
301 East Vine Street
Lexington, Kentucky 40507
859.252.6781

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