



University of Kentucky®

Procurement Services

INVITATION FOR BIDS

CCK-2590.50-1-25

Asset Preservation Pool - Patterson Office Tower Partial Renovation (5th Floor)

ADDENDUM #3

05/01/25

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY: 05/06/25 @ 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: BIDDER QUESTIONS & ANSWERS

- 2590.50 POT Reno Questions & Answers are attached.

ITEM #2: UPDATES/REVISIONS TO ORIGINAL BID DOCUMENTS

- Updated design drawings (8 pages) are attached.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

Tabitha McFarland

5/01/25

Tabitha McFarland / (859) 218-9103

SIGNATURE

Typed or Printed Name

CCK-2590.50-1-25					
Question and Response Log					
Question Deadline: 4/25/25					
#	Date	Question	Responder	Response	Release
1	4/17/2025	Page 3 of the ITB for the CCK-2590.50-1-25 Patterson Tower project has conflicting pre-bid meeting information. Please clarify time and date for the pre-bid meeting.	UK-Purchasing	Addenda 1 clarified this.	
2	4/21/2025	I need to know the finish for the conference room countertop on G/A-421. Is it solid surface or Cambria quartz?	JRA - Matthew	The conference room will have a quartz countertop. A drawings revision will be included with a future addendum.	
3	4/21/2025	See sheet A-621 Room Finish schedule does not match the 5th Floor Plan Legend. CPT-1 or LVT to be used ?	JRA - Matthew	LVT will be used. A revised version of A-621 will be issued with an upcoming addendum.	
4	4/21/2025	Is there an intention of window film for this project? If so, can you indicate what elevations it is planned to be on?	JRA - Matthew	Window film will be applicable only to alternate #1 and should be applied to the glazing at frame type 4 as shown on C/A-601. A drawing revision will be issued by addendum.	
5	4/23/2025	Lighting points are shown on IC-705 and the "Central Lighting System" is shown to be wired back via IP. Can you please confirm that UK will be performing the integration of the lighting system?	KFI - Ryan	Refer to sheet IC-700. UK will NOT be performing integration.	
6	4/24/2025	Is The Heating Lines For The Base Board Heaters On The 5 Floor Or On The 4 Floor To Be Demo?	KFI - Greg K	4th Floor feeds the 5th floor baseboard fan coils. Answer = 4th Floor Ceiling	
7	24-Apr	The Walls 94A That Go's To The Deck Will They Need To Be Smoke Caulk?	JRA - Matthew	Only acoustic sealant unless noted otherwise.	
8	4/24/2025	Is There A HVAC Heating Demo Piping Plan?	KFI - Greg K	As-Built drawing of existing 4th Floor Hydronic system will be provided in addendum. <u>HVAC 4TH FLR 1969.PDF</u> <u>NOTE</u> : All branch hydronic piping shall be capped back at main in 4th floor ceiling.	
9	4/24/2025	The Floor Drains FC-1 Are They Getting Trap Primers On Them And If So Location Of One?	KFI - Greg K	No. Trap Primers are required.	
10	4/24/2025	WC-1&2 The Wall They Are In Is A 9 ½ Chase The Water Closet Carrier Is About 11 1/8 From Back To Front Of Carrier For Hook Up Of The Water Closet?		There is sufficient space in each restroom to shift the chase wall if the selected carriers are too large. In general, a narrow carrier should be selected.	
11	4/24/2025	The Piping For RH-1 & 6 Can They Come Off The Mains After The New Valves?	KFI - Greg K	No. Routing lines after the valves for these two reheat coils is not possible with ceilings and existing obstructions. Contractor can also "hot tap" the locations shown.	

12	4/25/2025	Does any exisiting hydronic piping on 4th & 5th require demo?	KFI - Greg K	Yes. 4th Floor ceiling requires demolition of all branch piping feeding 5th floor base board coils back to main and cap.	
13	4/25/2025	What is the expected start date after award of contract?	UK PM-Joe Kane	The construction start date is expected to be June 24	
14	4/25/2025	What kind of material are allowed for the DWV System?	KFI - Greg K	Per 22 1005, 2.2, B Hubless Cast Iron pipe and fittings shall be manufactured from gray cast iron and shall conform to ASTM A 888 and CISPI Standard 301. All pipe and fittings shall be marked with the collective trademark of the Cast Iron Soil Pipe Institute ® and listed by NSF® International. Hubless Couplings shall conform to CISPI Standard 310 and be certified by NSF® International. All couplings shall be Heavy Duty couplings shall conform to ASTM C 1540 and shall be used on all projects. Gaskets shall conform to ASTM C 564. All pipe and fittings to be produced by a single manufacturer and are to be installed in accordance with	
15	4/25/2025	In Article 37, pg. 22 of specifications it references three Alternates, Can more information be provided in regards to the VAV's?	JRA - Matthew	The alternates are listed in detail on the Drawings and summarized in specification 012300.	
16	4/25/2025	We are working on this bid and was having a question on the lobby. It states that cross hatch area (lobby) only receives finishes under alternate #3. Alternate 3 does not show anything about floor finishes but they are on the finish schedule and legend. Should i include the tile and labor in the lobby? please advise	JRA - Matthew	Per the notes on the plans, the scheduled finishes in the elevator lobby area will be part of Alternate 3.	
17	4/25/2025	Can the AWI certification for casework be waived?	JRA - Matthew	No.	
18	4/25/2025	At the site visit a measurement was taken of the existing ceiling. It appears that the existing walls scheduled to remain are terminated at the bottom of existing Acoustical Ceiling. Several walls measure to only a heigh of 8'-4" which is 2" shorter of the required 8'-6" ceiling height on A-121. There is also concern that the existing walls are not braced to the deck and could be supported by the grid system at this time. When the grid is demo'd this may cause instability in the walls and affect finished. Can you please confirm if these walls need to be extended to the deck, to an acceptable height above finished ceiling or braced to the deck for proper support.	JRA - Matthew	All available information indicates the walls are not braced by the ceiling grid. The ceiling will need to be adjusted in the field based on the field measurements. The new	
19	4/25/2025	Spec section 064116, 2.2 H. calls for locks on all doors & drawer fronts, locks are only shown at elevations A & C/A-421, please clarify if locks are needed on all fronts?	JRA - Matthew	Cam locks will only be required where indicated on the Drawings, not all casework fronts.	
20	4/25/2025	Are drug & background checks required for onsite installers?	UK Purchasing	Yes.	
21	4/25/2025	Will the elevator be in service to stage casework on the 5 th floor?	JRA - Matthew	There will be a single elevator on dedicated service throughout the duration of construction. Refer to the logistics plans provided by the Owner.	

22	4/25/2025	Solid surface spec 123661 2.2 E.2. calls for integral sink bowls, plumbing specs call for undermount bowls, please clarify?	JRA - Matthew	The plumbing specifications are correct. Provide undermount at solid surface areas.	
23	4/25/2025	Assuming all window sills are existing?	JRA - Matthew	Correct.	
24	4/25/2025	Elevation H/A421, assuming all grain direction is horizontal?	JRA - Matthew	Yes, grain will run horizontally per specification.	
25	4/25/2025	Per detail F/A551, all maple is face nailed to back substrate?	JRA - Matthew	Yes, refer to installation instructions on the specifications.	
26	4/25/2025	Will the cabling and connectivity be F/UTP (shielded) Cat 6A Green (old standards) or U/UTP(un-shielded), Cat 6A, Small Diameter, Blue (new standards)?	KFI - Ryan	Refer to the updated Specifications via addendum.	
27	4/25/2025	Will the cabling and fiber cables be required to be Plenum, or will non-plenum cables be accepted.	KFI - Ryan	Cabling is to be plenum rated.	
28	4/25/2025	Spec 282000, 2.4, A.1 states "owner provided/installed data cabling". Who is responsible for installing the Camera cables?	KFI - Ryan	Cabling will be provided by the contractor. See new specification in upcoming addendum.	
29	4/25/2025	Who is responsible for furnishing and installing the Cameras?	KFI - Ryan	Cameras will be provided by the contractor. See new specification in upcoming addendum.	
30	4/25/2025	Will there be a drawing coming out showing the single VAV's serving multiple offices as required by Addendum #2 (Alternate #2) for the new base bid or are we to make assumptions and use what we think is appropriate to accommodate the floor plan?	KFI - Greg K	This is not needed as base bid has single VAV's for all offices. This alternate will be removed in Addendum #3	
31	4/25/2025	Can a trash chute be installed and used for demolition?	UK PM-Joe Kane	No. A trash chute cannot be installed	
32	4/25/2025	If a trash chute cannot be used how much weight can the designated elevator hold?	UK PM-Joe Kane	3000 lbs. Is the elevator weight limit	
33	4/25/2025	Can a window be removed for long length material deliveries? If so, is the glass set from the inside or outside?	UK PM-Joe Kane	No, window cannot be removed. Elevator can have ceiling removed for longer lengths of material	
34	4/25/2025	What is the estimated budget for this project?	UK Purchasing-Tabitha	\$2,503,798.00	

FOR THE PROJECT TITLED:

**UK PATTERSON OFFICE TOWER
FIFTH FLOOR 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 March, 2025.

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.

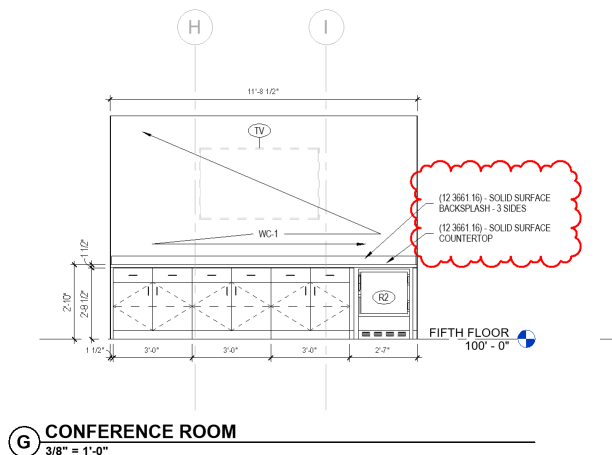
Bidding Documents, including the Drawings and Specifications, are amended as described herein.

ARCHITECTURAL ITEMS:

ITEM NO. 3.01

Refer to the attached drawings – the following drawings have been revised and attached to this document:

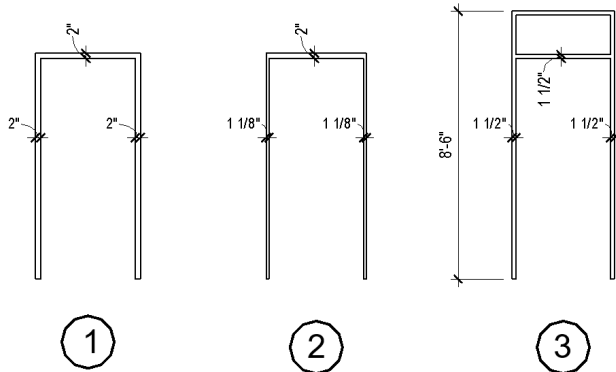
G/A-601 – The conference room will have Solid Surface Countertops. Refer to G/A-601



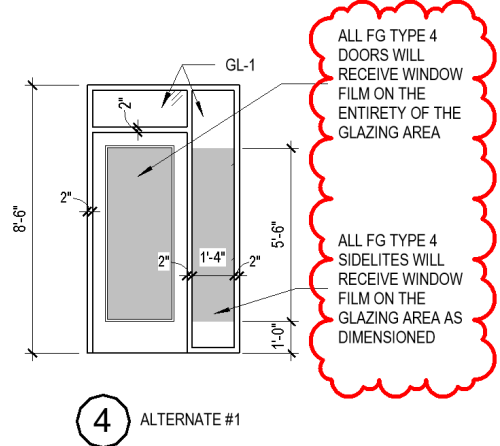
ITEM NO. 3.02

Refer to the attached drawings – the following drawings have been revised and attached to this document:
C/A-601 – All FG type 4 doors will receive window film on the entirety of the glazing area. Refer to drawing G/A-601

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



E EMERGENCY EXIT DC
3/8" = 1'-0"



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

H

ITEM NO. 3.03

Refer to the attached drawings – the following drawings have been revised and attached to this document:
Door and Frame Schedule on A-801 – All FG type doors on schedule A-801 will receive GL-1. Refer to the schedule.

DOOR AND FRAME SCHEDULE - Alternate #1																	
DOORS								FRAMES						HARDWARE		RATING (MIN.)	REMARKS
NO.	PAIR	SIZE		HEIGHT	THICK.	MAT'L.	TYPE	GLAZ.	MAT'L.	TYPE	DETAILS			CLOSER	SET NO.		
		LEAF 1 WIDTH	LEAF 2 WIDTH								JAMB	HEAD	THRESH.				
519				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
521				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
523				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
525				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
527				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
529				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
531				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
537				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
539				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
541				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
543				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
545				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
547				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	
549				7'-0"	1 3/4"	WD.	FG	GL-1	H.M.	4	103	203	--	--	C01	0	

ITEM NO. 3.04

Refer to the attached drawings – the following drawings have been revised and attached to this document:
A-621

MECH ITEMS

ITEM NO. 3.05

See attached as-built 4th floor existing drawing for contractor use in bidding demolition of existing hydronic lines in 4th floor ceiling serving 5th floor baseboard fan coil units and capping them back at the main.

ELECTRICAL ITEMS

ITEM NO. 3.06

All data cabling is to be plenum rated.

ITEM NO. 3.07

Refer to specification 28 2000 – Video Surveillance. The attached revision should replace the specification in the project manual.

ATTACHMENTS:

Drawing:

A-621

HVAC_4TH FLR_1969.pdf

Specification 28 2000 – Video Surveillance

END OF ADDENDUM NO. 3.00

FINISH MATERIAL SCHEDULE								
SPEC	KEY NAME	MATERIAL TYPE	MANUFACTURER	SIZE	MODEL / NUMBER	PRODUCT NAME	FINISH	REMARKS
03 3000	SC-1	SEALED CONCRETE						
05 4023	WD-1	ARCHITECTURAL WOOD TRIM					STAIN TO MATCH L-1	
05 4116	L-1	PLASTIC LAMINATE	WILSONART		7551K-18	ASIAN SUN	LINEARTY	BREAK ROOM & CONFERENCE CASEWORK PLASTIC LAMINATE
05 4116	L-1	PLASTIC LAMINATE	WILSONART		7545-38	XANADU	FINE VELVET	TO MATCH EXISTING DOORS (BASE BID CPT(N))
05 4116	L-2	PLASTIC LAMINATE	WILSONART		D381-01	FASHION GREY	HIGH GLOSS	ALL CASEWORK UNLESS ALTERNATE (1)
05 4116	SS-1	SOLID SURFACE	WILSONART		9204CE	MORNING ICE		COUNTERTOPS
09 3013	B-3	BASE - TILE	ANATOLIA	6" x 24"	ERAMOSA	ICE	MATTE	FOR FLOOR TILE PT-1, PT-3
09 3013	B-4	BASE - TILE	ANATOLIA	6" x 24"	ERAMOSA	CARBON	MATTE	FOR FLOOR TILE PT-2
09 3013	B-5	BASE - TILE	PORTOBELLO	4" x 16"	KREA	ARCTIC	GLOSS	FLAT TOP COVE BASE FOR FLOOR TILE PT-1 @ RESTROOMS
09 3013	B-6	BASE - TILE	PORTOBELLO	4" x 16"	KREA	SAFARI	GLOSS	FLAT TOP COVE BASE FOR FLOOR TILE PT-2 @ RESTROOMS
09 3013	G-1	GROUT	MAPEI	18"	47	CHARCOAL		PT-2, WT-2
09 3013	G-2	GROUT	MAPEI	18"	104	TIMBERWOLF		PT-1, PT-3, WT-3
09 3013	G-3	GROUT	MAPEI	18"	36	AVALANCHE		WT-1
09 3013	PT-1	PORCELAIN TILE	ANATOLIA	18" x 36"	ERAMOSA		MATTE	FLOOR TILE - LOBBY
09 3013	PT-2	PORCELAIN TILE	ANATOLIA	12 x 24"	ERAMOSA	ICE	MATTE	FLOOR TILE - ACCENT
09 3013	PT-3	PORCELAIN TILE	ANATOLIA	12" x 24"	ERAMOSA	ICE	MATTE	FLOOR TILE - RESTROOMS
09 3013	WT-1	WALL TILE	PORTOBELLO	4" x 16"	KREA	ARCTIC	GLOSS	VERTICAL STACK BOND
09 3013	WT-2	WALL TILE	ANATOLIA	12" x 24"	ERAMOSA	ICE	MATTE	ACCENT WALL TILE (HORIZONTAL STACK BOND)
09 3013	WT-3	WALL TILE	PORTOBELLO	4" x 16"	KREA	SAFARI	GLOSS	ACCENT WALL TILE (VERTICAL STACK BOND)
09 5113	APC-1	ACOUSTICAL PANEL CEILING	CERTANTEED	24" x 24"	1342F-10F-1	SYMPHONY F	WHITE	CEILING FIELD
09 5113	APC-2	ACOUSTICAL PANEL CEILING	CERTANTEED	24" x 96"	1346F-10F-1	SYMPHONY F	WHITE	CEILING ACCENT
09 6513	B-1	BASE - RESILIENT	FLEXCO	4"	058	STRAIGHT BASE	BLUE SHADOW	CARPET AREAS
09 6519	LVT-1	LUXURY VINYL TILE	J+J FLOORING	18" x 36"	LEGEND V5010 (5mm)	1057 TALE		BREAK ROOM
09 6813	CPT-1	CARPET TILE	J+J FLOORING	18" x 36"	THRIVE	ADJUST - ROYAL PATH		CONFERENCE ROOM ACCENT
09 6813	CPT-2	CARPET TILE	J+J FLOORING	18" x 36"	THRIVE	ADAPT - ROYAL PATH		PRIVATE OFFICES/WORK STATIONS
09 9123	P-1	PAINT	SHERWIN WILLIAMS	SW 6002	WEB GRAY	ESSENTIAL GRAY	EGGSHELL	ALL WALLS, I.N.O.
09 9123	P-2	PAINT	SHERWIN WILLIAMS	SW 7075	WEB GRAY	ESSENTIAL GRAY	SEMI-GLOSS	TRIM, H.M. DOORS AND FRAMES
09 9123	P-3	PAINT	SHERWIN WILLIAMS	SW 7075	WEB GRAY	EGGSHELL	WALL ACCENT	
09 9123	P-4	PAINT	SHERWIN WILLIAMS	SW 9148	SMOKY AZURITE	EGGSHELL	WALL ACCENT	
09 9123	P-5	PAINT	SHERWIN WILLIAMS	SW 6811	HONORABLE BLUE	EGGSHELL	WALL ACCENT	
09 9123	P-6	PAINT	SHERWIN WILLIAMS	SW 6991	DARK MAGIC	FLAT	ALL EXPOSED ABOVE CEILING.	
12 3661.19	QZ-1	QUARTZ SURFACING	CAMBRIA	3 CM		WHITNEY	POLISHED	COUNTERTOPS

This is a detailed architectural floor plan of the 5th floor of a building. The plan shows a central corridor system with multiple stairwells (ST-A, ST-B, ST-C, ST-D, ST-E, ST-F, ST-G, ST-H) and elevators (EL-A through EL-H). Rooms are numbered 500 through 538. The plan includes various architectural details such as doors, windows, and structural elements. A north arrow is located in the upper right corner.

5TH FLOOR FINISH PLAN
1/8" = 1'-0"

ROOM FINISH SCHEDULE KEYED REMARKS

- 1 REFER TO FLOOR PLANS, REFLECTED CEILING PLANS, AND INTERIOR
- 2 ELEVATIONS FOR FINISH MATERIAL, LOCATIONS AND MORE DETAILS.
- 3 ALL VERTICAL SURFACE OF CEILING SHOULD BE TO PAINTED WITH
- 4 ANCHOR COLOR. ALL HORIZONTAL GYP. BD. CEILING SURFACES TO BE
- 5 PAINTED CEILING WHITE, FLAT. REFER TO REFLECTED CEILING
- 6 PLANS FOR LOCATIONS.
- 7 INSTALL CARPET TILES IN 13 RUNNING BOND.
- 8 AT AREAS NOTED ON ROOM FINISH SCHEDULE, DO NOT PROVIDE
- 9 TRANSITION AT DOOR - FLOOR FINISH WILL BE CONTINUOUS
- 10 AT AREAS NOTED ON ROOM FINISH SCHEDULE, ALL EXPOSED ABOVE
- 11 CEILING SHALL BE PAINTED P-6
- 12 MILLWORK BASE TO BE MITERED AT INSIDE AND OUTSIDE CORNERS.
- 13 ACCEPT PAINT P-5 IN THIS AREA AND FROM FINISH FLOOR TO
- 14 8" ABOVE P-1 WHICH POINT THE PAINT WILL TRANSITION TO P-1.
- 15 FINISHES AT THIS ROOM ARE ONLY APPLICABLE TO ALTERNATE #3 -
- 16 REFER TO A-801 AND SPECIFICATIONS



 FINISH FLOOR LEGEND
1/8" = 1'-0"



ARCHITECTURAL

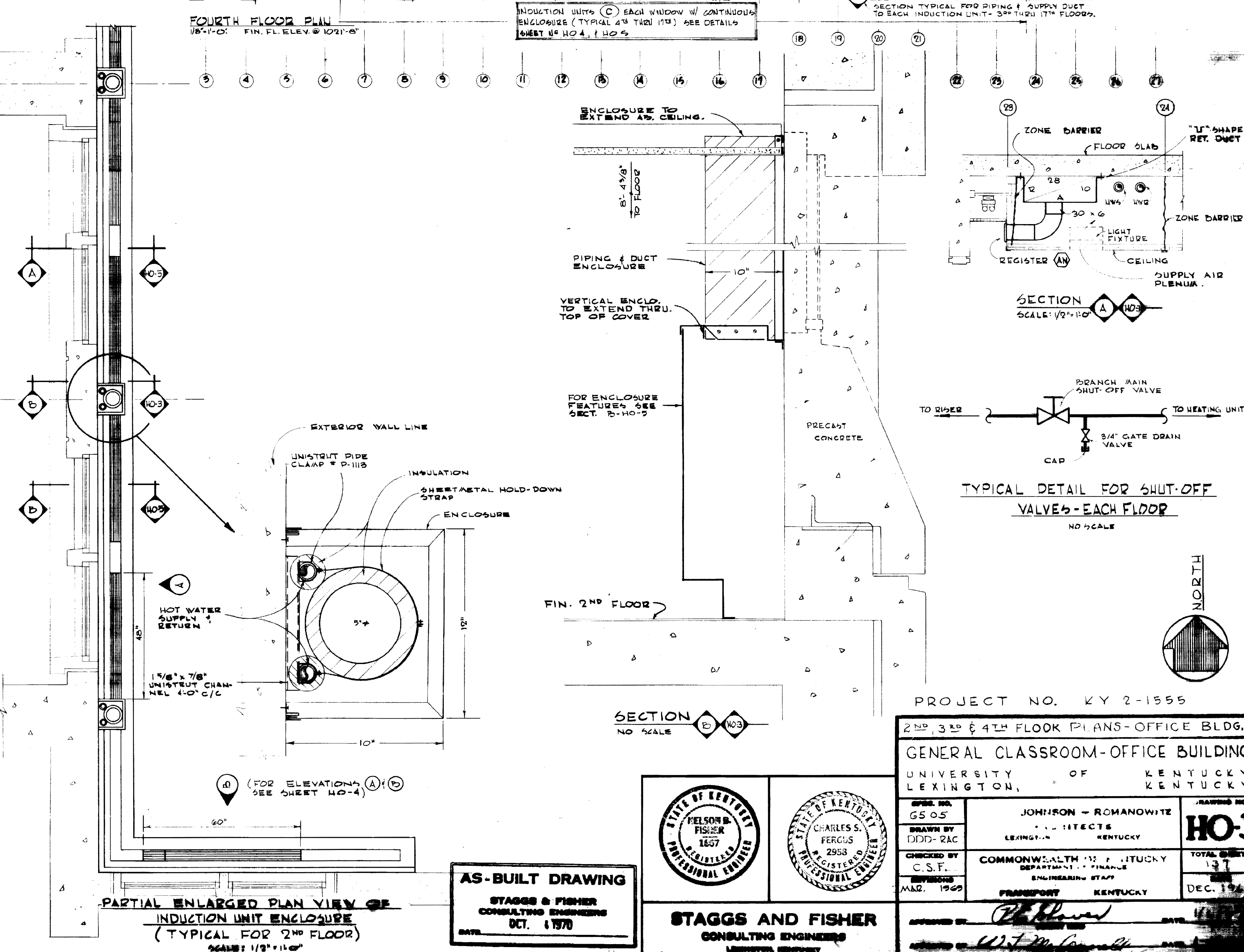
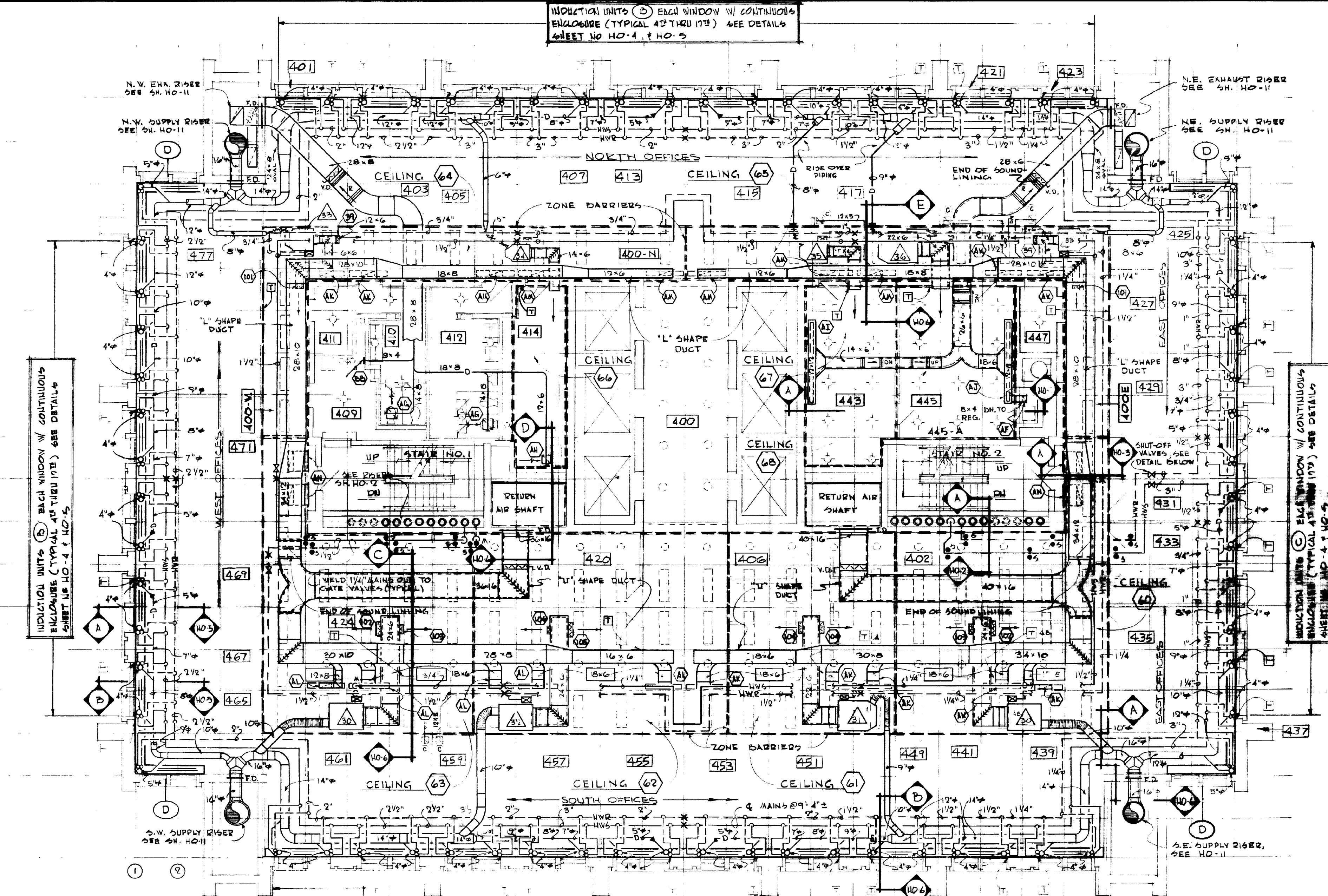
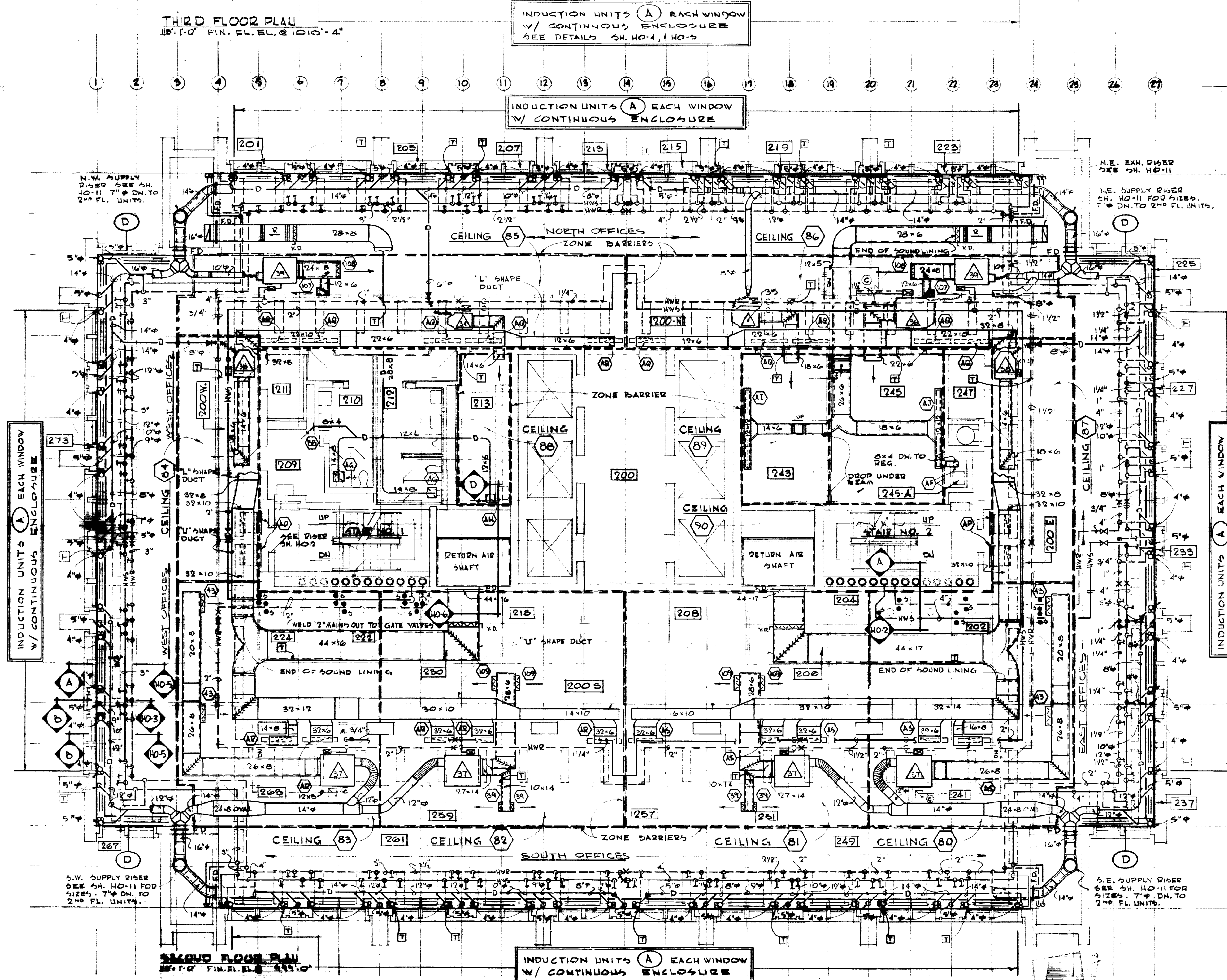
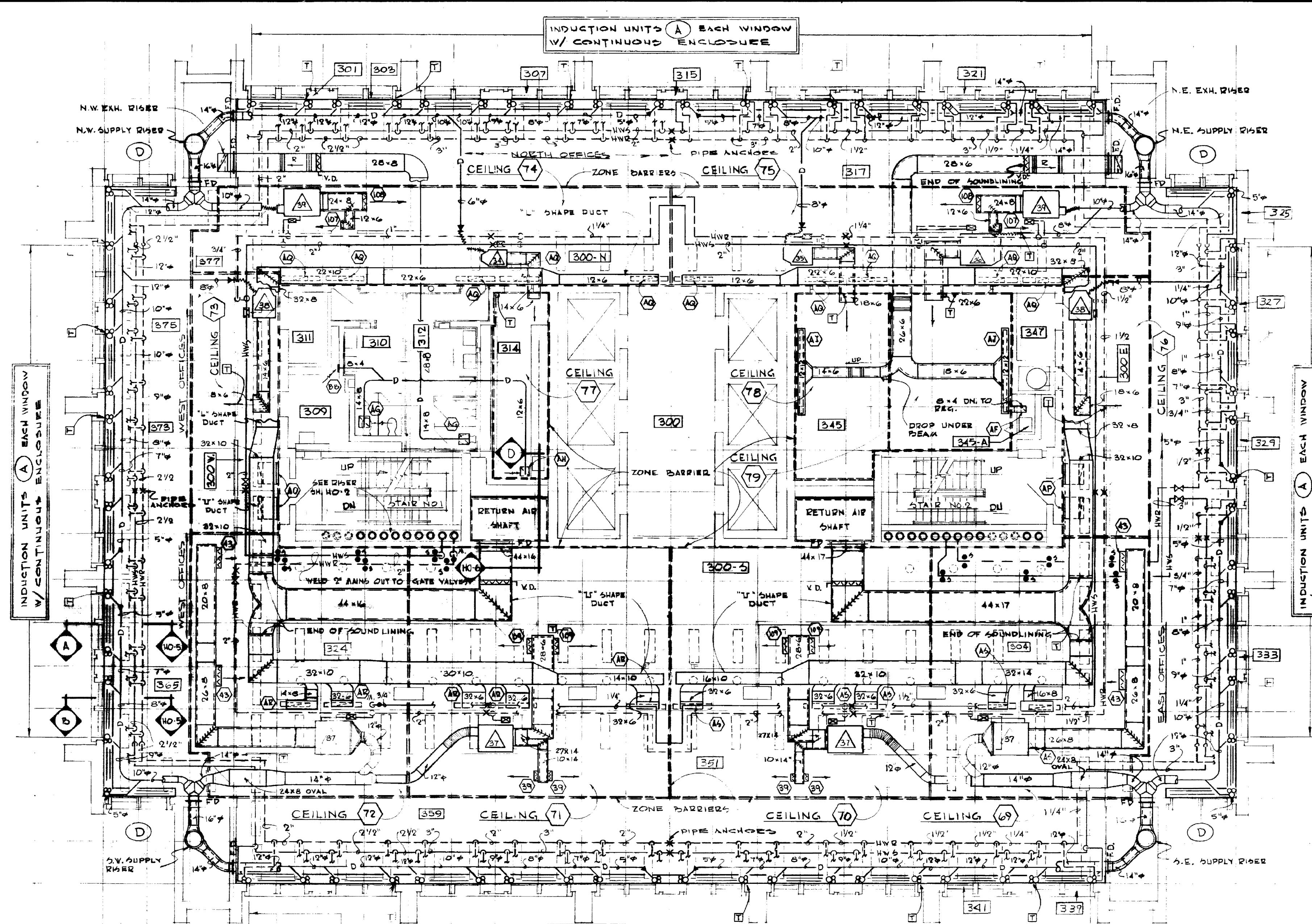
REVISIONS		
No.	Description	Date
1	ADDENDUM 3	4.30

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THE DRAWINGS IN ELECTRONIC OR ANY OTHER FORMAT - IN WHOLE, OR IN PART, FOR ANY PURPOSE OTHER THAN FOR THE PROJECT. THE CLIENT AGREES NOT TO TRANSFER THESE ELECTRONIC FILES TO OTHERS WITHOUT THE PRIOR WRITTEN CONSENT OF THE ARCHITECT. THE CLIENT FURTHER AGREES TO WAIVE ALL CLAIMS AGAINST THE ARCHITECT RESULTING IN ANY WAY FROM ANY UNAUTHORIZED CHANGES TO OR REUSE OF THE ELECTRONIC FILES FOR ANY OTHER PROJECT BY ANYONE OTHER THAN THE ARCHITECT.

ROOM FINISH PLAN & SCHEDULE

A-621

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PROJECT NO. KY 2-1555

2ND, 3RD & 4TH FLOOR PLANS-OFFICE BLDG.

GENERAL CLASSROOM-OFFICE BUILDING

UNIVERSITY OF KENTUCKY

LEXINGTON, KENTUCKY

DATE: 6-5-65	JOHNSON - ROMANOWITZ	DESIGNED BY: KENTUCKY
DRAWN BY: DDD-RAC	LEAVING: KENTUCKY	HO-3
CHECKED BY: C.S.F.	COMMONWEALTH OF KENTUCKY	TOTAL SHEETS: 137
M.D. 1965	ENGINEERING: KENTUCKY	DATE: DEC. 1964

AS-BUILT DRAWING

STAGGS & FISHER

CONSULTING ENGINEERS

OCT. 1970

STAGGS AND FISHER

CONSULTING ENGINEERS

LEXINGTON, KENTUCKY

SECTION 282000 - VIDEO SURVEILLANCE

PART 1 GENERAL

1.1 SYSTEM DESCRIPTION

- A The Main Campus security system is operating as an enterprise system with UK-approved components (Hardware and Software) through Lenel OnGuard PRO SMS and Salient Systems Video Management System (VMS) security systems. These UK-approved standardized components must be identified to UK Purchasing prior to bidding. The UK-approved standardized components include VMS Software and Servers, Cameras, Interior Notification, and all related programming.
- B Video Management Systems (VMS) is an enterprise-level open standards-based, non-proprietary, networked platforms that integrate security video and access control shall provide the ability, but not limited to:
 - 1. Manage and control all security video cameras.
 - 2. Manage and control all video stream recordings and storage.
 - 3. Manage and control access to stored video, per user and user groups.
 - 4. Manage and control video file retention policies.
 - 5. Manage and control video file chain of custody.
 - 6. Control and route all live viewing and replay of video streams.
 - 7. Control video stream bandwidth and video stream compression.
- C Interior Notification consists of utilizing InformaCast broadcasting thru Simplex Fire Alarm Panel 4100 or compatible voice evacuation system. All installations will be in accordance with the most current NFPA standards. The Interface unit to the Fire Alarm Voice Evacuation System must support InformaCast - IP Notification by Singlewire Software and must be Cisco compliant.
- D All work and materials shall conform in every detail to rules and requirements of National Fire Protection Association, Kentucky Electrical Code, University of Kentucky Standards which includes IT and Security systems. These standards can be found on their website at:
 - 1. <https://www.uky.edu/cpmd/design-standards/divisions-20---29---facility-services-subgroup>

1.2 SECTION INCLUDES

- A Video surveillance system requirements.
- B Video recording and viewing equipment.
- C Cameras.
- D Accessories.

1.3 RELATED REQUIREMENTS

- A Section 078400 - Firestopping.
- B Section 260526 - Grounding and Bonding for Electrical Systems.
- C Section 260529 - Hangers and Supports for Electrical Systems.
- D Section 260533.13 - Conduit for Electrical Systems.
- E Section 260553 - Identification for Electrical Systems: Identification products and requirements.
- F Section 271000 - Structured Cabling: Data cables for IP video surveillance system network connections.
- G Section 281000 - Access Control: For interface with video surveillance system.

1.4 REFERENCE STANDARDS

- A 47 CFR 15 - Radio Frequency Devices; current edition.
- B NECA 1 - Standard for Good Workmanship in Electrical Construction; 2015.
- C NECA 303 - Standard for Installing and Maintaining Closed-Circuit Television (CCTV) Systems; 2019.
- D NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.

1.5 ADMINISTRATIVE REQUIREMENTS

- A Coordination:
 - 1. Coordinate the placement of cameras with structural members, ductwork, piping, equipment, luminaires, diffusers, fire suppression system components, and other potential conflicts installed under other sections or by others.
 - 2. Coordinate the work with other installers to provide power for cameras and equipment at required locations.
 - 3. Notify Architect of any conflicts with or deviations from Contract Documents. Obtain direction before proceeding with work.

1.6 SUBMITTALS

- A See Section 013000 - Administrative Requirements, for submittal procedures.
- B Product Data: Provide manufacturer's standard catalog pages and data sheets for each system component. Include ratings, configurations, standard wiring diagrams, dimensions, finishes,

service condition requirements, and installed features.

- C Evidence of qualifications for installer.
- D Operation and Maintenance Data: Include detailed information on system operation, equipment programming and setup, replacement parts, and recommended maintenance procedures and intervals.
- E Warranty: Submit sample of manufacturer's warranty and documentation of final executed warranty completed in Owner's name and registered with manufacturer.

1.7 GENERAL

- A Contractor is required to contract with the University of Kentucky Lenel VAR of Record for Salient Systems Licensing and Central System programming and turn up services. Contractor is responsible for providing VAR of camera counts and locations as well as counts of any special components such as analytics. This information is required to provide proper quotes for licensing and programming. Contractor will include these VAR of Record services and Fees in their project Bid. A project spread sheet is included with the document as an appendix that shall be used to provide this information to VAR of Record. Project Bid is to be all inclusive for a complete working VMS system.

- B The current VAR of Record for the University of Kentucky is:

Stanley Convergent Security Solutions, Inc.

Contact: Vicky Daugherty or Jason Eastwood

1440 Kemper Meadow Drive

Cincinnati, OH 45240

912-246-9466 Direct

513-857-9357

Vicky.Daugherty@sdbinc.com

Jason.Eastwood@sdbinc.com

- C Stanley Security, the current SMS/VMS unit price contractor, would certify the installed components and do all system programming based on information provided by the installing integrator. At that point Stanley Security would add those components to the campus security platforms.
- D Stanley Security will provide the security integrator an assignable allowance to be included in the project costs to perform the programming services for both SMS and VMS platforms.
- E Integrators/Contractors are required to also abide by all UK ITS Division 27 requirements in regard to all DATA cabling and pathways.

1.8

1.9 QUALITY ASSURANCE

- A Comply with the following:
 - 1. NFPA 70.
 - 2. Applicable TIA/EIA standards.
- B Installer Qualifications: Company specializing in performing the work of this section with minimum three years documented experience with video surveillance systems of similar size, type, and complexity and providing contract maintenance service as a regular part of their business; authorized manufacturer's representative.

1.10 DELIVERY, STORAGE, AND HANDLING

- A Receive, inspect, handle, and store products in accordance with manufacturer's instructions and NECA 303.
- B Store products in manufacturer's unopened packaging, keep dry and protect from damage until ready for installation.

1.11 FIELD CONDITIONS

- A Maintain field conditions within manufacturer's required service conditions during and after installation.

1.12 WARRANTY

- A See Section 017800 - Closeout Submittals, for additional warranty requirements.
- B Provide minimum three year manufacturer warranty covering repair or replacement due to defective materials or workmanship.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A Video Recording and Viewing Equipment:
 - 1. Recording servers are centrally located and maintained by UK ITS.
 - 2. New camera installation shall be coordinated with UKPD and Securitas Technology to ensure capacity for recording is added when needed.
 - 3. Camera information shall be provided to UKPD and Securitas Technology for adding cameras to the system and programming. See Programming Sheet in the Appendix of this

document.

- B Cameras: Cameras shall deliver high quality; color video over an IP, UTP structured cable system using H.264/H.265 compression. IP cameras are centrally managed from the University of Kentucky Police Department (UKPD) Operations Centers.
 - 1. Axis Communications: www.axis.com/#sle.
 - a. Interior:
 - 1) Single Image - Axis P3265-V or Hanwha Techwin XND-I6080V
 - 2) Dual Image - Hanwha Techwin PNM-7002
 - 3) Three Image - Hanwha Techwin PNM-8002
 - 4) Quad Image - Hanwha Techwin PNM-9002VQ
 - b. Exterior:
 - 1) Hanwha Techwin XNV-6080
 - c. Elevator:
 - 1) Axis M3057-PLVE or Hanwha Techwin XNF-8010RW

2.2 VIDEO SURVEILLANCE SYSTEM

- A Provide new video surveillance system consisting of all required equipment, conduit, boxes, wiring, connectors, hardware, supports, accessories, software, system programming, etc. as necessary for a complete operating system that provides the functional intent indicated.
- B System Description: IP system with connection to network (IP) cameras.
- C Cameras Required:
 - 1. See article "CAMERAS" below for product descriptions.
- D Provide products listed, classified, and labeled as suitable for the purpose intended.
- E Electromagnetic Interference/Radio Frequency Interference (EMI/RFI) Limits: Comply with FCC requirements of 47 CFR 15, for Class B, consumer application.

2.3 ACCESSORIES

- A Camera Enclosures: Where not factory-installed, provide camera enclosures suitable for operation under service conditions at installed location.
- B Camera Mounting Supports: Where not factory installed, provide mounting supports necessary for installation.
- C Provide components as indicated or as required for connection of video surveillance system to devices and other systems indicated.
- D Provide components as indicated or as required for system power and network connections.
- E Provide cables as indicated or as required for connections between system components.
 - 1. Data Cables for IP Network Connections: Unshielded twisted pair (UTP), Category 6 , complying with Section 271000.

- F Provide accessory racks/cabinets as indicated or as required for equipment mounting.

PART 3 EXECUTION

3.1 EXAMINATION

- A Verify that field measurements are as indicated.
- B Verify that ratings and configurations of system components are consistent with the indicated requirements.
- C Verify that mounting surfaces are ready to receive system components.
- D Verify that branch circuit wiring installation is completed, tested, and ready for connection to system where applicable.
- E Verify that conditions are satisfactory for installation prior to starting work.

3.2 INSTALLATION

- A Install video surveillance system in accordance with NECA 1 (general workmanship) and NECA 303.
- B Contractor is required to contract with the University of Kentucky Salient VAR of Record for Salient Systems Licensing and Central System programming and turn up services. Contractor is responsible for providing VAR camera counts and locations as well as counts of any special components such as analytics. This information is required to provide proper quotes for licensing and programming. Contractor will include these VAR of Record services and Fees in their project Bid. A project spread sheet is included with the document as an appendix that shall be used to provide this information to VAR of Record. Project Bid is to be all inclusive for a complete working VMS system.
- C The current Salient VAR of Record for the University of Kentucky is:

Securitas Technology	
Contact: Vicky Daugherty	or Anthony Hollingsworth
1440 Kemper Meadow Drive	
Cincinnati, OH 45240	
912-246-9466 Direct	859-544-3425 Direct
vicky.daugherty@securitas.com	anthony.hollingsworth@securitas.com
- D Integrators/Contractors are required to also abide by all UK ITS Division 27 requirements in regard to all DATA cabling and pathways
- E Install products in accordance with manufacturer's instructions.
- F Provide required support and attachment in accordance with Section 260529.

- G Wiring Method: Unless otherwise indicated, use wiring in conduit.
 - 1. Use suitable listed cables in wet locations, including underground raceways.
 - 2. Use suitable listed cables for vertical riser applications.
 - 3. Conduit: Comply with Section 260533.13.
- H Provide grounding and bonding in accordance with Section 260526.
- I Install firestopping to preserve fire resistance rating of partitions and other elements, using materials and methods specified in Section 078400.
- J Identify system wiring and components in accordance with Section 260553.

3.3 FIELD QUALITY CONTROL

- A See Section 014000 - Quality Requirements, for additional requirements.
- B Prepare and start system in accordance with manufacturer's instructions.
- C Adjust cameras to provide desired field of view and produce suitable images under all service lighting conditions.
- D Program system parameters according to requirements of Owner.
- E Test for proper interface with other systems.
- F Correct defective work, adjust for proper operation, and retest until entire system complies with Contract Documents.

3.4 CLEANING

- A Clean exposed surfaces to remove dirt, paint, or other foreign material and restore to match original factory finish.

3.5 CLOSEOUT ACTIVITIES

- A See Section 017800 - Closeout Submittals, for closeout submittals.
- B See Section 017900 - Demonstration and Training, for additional requirements.
- C Demonstration: Demonstrate proper operation of system to Owner, and correct deficiencies or make adjustments as directed.
- D Training: Train Owner's personnel on operation, adjustment, and maintenance of system.
 - 1. Use operation and maintenance manual as training reference, supplemented with additional training materials as required.
 - 2. Instructor: Manufacturer's authorized representative.

3. Location: At project site.

3.6 PROTECTION

- A Protect installed system components from subsequent construction operations.

END OF SECTION 282000