



University of Kentucky®

Procurement Services

INVITATION FOR BIDS

CCK-2590.51-1-27

Patterson Office Tower- 4th Floor Renovations

PROJECT # 2590.51

ADDENDUM # 2

10/06/26

IMPORTANT: BID AND ADDENDUM MUST BE RECEIVED BY 10/29/2026 @ 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: Architect Addendum

- As follows: pages 2-19.

OFFICIAL APPROVAL
UNIVERSITY OF KENTUCKY

SIGNATURE

Tabitha C. McFarland 10/06/26

Contracting Officer / (859) 257-9102

Typed or Printed Name

FOR THE PROJECT TITLED:

**UK PATTERSON OFFICE TOWER
FOURTH 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 October, 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.

GENERAL ITEMS:

ITEM NO. 2.01

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

00 0002 Table of Contents

01 2100 Allowances

Revised to include allowance amount for JCI fire alarm scope.

ITEM NO. 2.02

Refer to the attached documents – the following document has been added and attached to this document:

01 2300 Alternates

ITEM NO. 2.03

Refer to specification 08 1113. Part 2, Section 2.1. The following manufacturer will be acceptable, along with the four originally listed:

5. De La Fontaine

MECHANICAL ITEMS:

ITEM NO. 2.04

Refer to the Drawings. The following drawing sheets have been revised and included in this document:

1. F104 – Fire Protection Plan
2. M104 – Level 4 Mechanical Demolition Plan
3. M304 – Level 4 HVAC Plan
4. M900 – Ceiling Coordination Drawings

ELECTRICAL ITEMS:

ITEM NO. 2.05

Refer to the Drawings. The following sheets have been revised and included in this document:

1. E401 – 4th Floor Technology Plan
2. E701 – Electrical One-Line Diagram

ATTACHMENTS:

Specification:

00 0002
01 2100
01 2300

Drawings:

F104
M104
M304
M900
E401
E701

END OF ADDENDUM NO. 2.00

VOLUME I**DIVISION 01 – GENERAL REQUIREMENTS**

011000	Summary
012100	Allowances
012300	Alternates
013100	Project Management and Coordination
013233	Photographic Documentation
013516	Alteration Project Procedures
014000	Quality Requirements
014200	References
016000	Product Requirements
017300	Execution
017329	Cutting and Patching
017419	Construction Waste Management and Disposal
017700	Closeout Procedures
017900	Demonstration and Training

VOLUME II**DIVISION 02 – EXISTING CONDITIONS**

024119	Selective Demolition
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DIVISION 03 – CONCRETE (Not Used)**DIVISION 04 – MASONRY**

042000	Unit Masonry
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DIVISION 05 – METALS

051000	Structural Anchors
051200	Structural Steel
055000	Metal Fabrications

DIVISION 06 – WOOD, PLASTICS, AND COMPOSITES

061000	Miscellaneous Rough Carpentry
064023.11	Interior Architectural Woodwork
064116	Plastic-Laminate-Clad Architectural Cabinets

DIVISION 07 – THERMAL AND MOISTURE PROTECTION

078413	Penetration Firestopping
078443	Joint Firestopping
079200	Joint Sealants

DIVISION 08 – OPENINGS

081113	Hollow Metal Doors and Frames
081116	Glazed Interior Wall Assemblies

TABLE OF CONTENTS

081416	Flush Wood Doors.....
083113	Access Doors and Frames
087100	Door Hardware
088000	Glazing

DIVISION 09 – FINISHES

092216	Non-Structural Metal Framing
092900	Gypsum Board
093013	Ceramic Tiling
095113	Acoustical Panel Ceilings
096513	Resilient Base and Accessories
096519	Resilient Tile Flooring.....
096813	Tile Carpeting
099123	Interior Painting

DIVISION 10 – SPECIALTIES

101423.13	Room-Identification Signage
102113.15	Stainless-Steel Toilet Compartments.....
102239	Folding Panel Partitions
102800	Toilet, Bath, and Laundry Accessories
104413	Fire Protection Cabinets.....
104416	Fire Extinguishers.....

DIVISION 11 – EQUIPMENT (NOT USED)

DIVISION 12 – FURNISHINGS

122413	Roller Window Shades
123661.16	Solid Surfacing Countertops
123661.19	Quartz Agglomerate Countertops

DIVISION 13 – SPECIAL CONSTRUCTION (Not Used)

DIVISION 14 – CONVEYING SYSTEMS (Not Used)

VOLUME III

DIVISION 20 – MECHANICAL PROVISIONS APPLICABLE TO DIVISIONS (Not Used)

DIVISION 21 - FIRE SUPPRESSION

210500	COMMON WORK RESULTS FOR FIRE SUPPRESSION.....
211300	FIRE SPRINKLER SYSTEMS

DIVISION 22 - PLUMBING

220500	COMMON WORK RESULTS FOR PLUMBING
220517	SLEEVES AND SLEEVE SEALS FOR PLUMBING PIPING
220518	ESCUTCHEONS FOR PLUMBING PIPING
220523	GENERAL-DUTY VALVES FOR PLUMBING PIPING
220529	HANGERS & SUPPORTS FOR PLUMBING PIPING & EQUIPMENT

220553	IDENTIFICATION FOR PLUMBING PIPING AND EQUIPMENT
220719	PLUMBING PIPING INSULATION
221005	PLUMBING PIPING
221006	PLUMBING PIPING SPECIALTIES
224000	PLUMBING FIXTURES

DIVISION 23 - HEATING, VENTILATING, AND AIR-CONDITIONING (HVAC)

230500	COMMON WORK RESULTS FOR HVAC
230517	SLEEVES AND SLEEVE SEALS FOR HVAC PIPING
230518	ESCUTCHEONS FOR HVAC PIPING
230529	HANGERS AND SUPPORTS FOR HVAC PIPING AND EQUIPMENT
230553	IDENTIFICATION FOR HVAC PIPING AND EQUIPMENT
230593	TESTING, ADJUSTING, AND BALANCING FOR HVAC
230713	DUCT INSULATION
230719	HVAC PIPING INSULATION
230900	INSTRUMENTATION AND CONTROL FOR HVAC
232113.02	HYDRONIC PIPING SYSTEM
232114	HYDRONIC SPECIALTIES
233113	METAL DUCTS
233300	AIR DUCT ACCESSORIES
233423	HVAC POWER VENTILATORS
233600	AIR TERMINAL UNITS
233700	AIR OUTLETS AND INLETS
238126.13	SMALL-CAPACITY SPLIT-SYSTEM AIR CONDITIONERS

DIVISION 26 - ELECTRICAL

260000	GENERAL ELECTRICAL PROVISIONS
260411	SELECTIVE DEMOLITION
260500	COMMON WORK RESULTS FOR ELECTRICAL
260519	LOW-VOLTAGE ELECTRICAL POWER CONDUCTORS AND CABLES
260526	GROUNDING AND BONDING FOR ELECTRICAL SYSTEMS
260529	HANGERS AND SUPPORTS FOR ELECTRICAL SYSTEMS
260533.13	CONDUIT FOR ELECTRICAL SYSTEMS
260533.16	BOXES FOR ELECTRICAL SYSTEMS
260536	CABLE TRAYS FOR ELECTRICAL SYSTEMS
260553	IDENTIFICATION FOR ELECTRICAL SYSTEMS
260923	LIGHTING CONTROL DEVICES
260943	NETWORK LIGHTING CONTROLS
262416	PANELBOARDS
262726	WIRING DEVICES
262816	ENCLOSED SWITCHED AND CIRCUIT BREAKERS
265119	LED INTERIOR LIGHTING

DIVISION 27 - COMMUNICATIONS

270500	COMMON WORK RESULTS FOR COMMUNICATIONS
271000	STRUCTURED CABLING
271100	COMMUNICATIONS EQUIPMENT ROOM FITTINGS
271300	COMMUNICATIONS BACKBONE CABLING
275313	CLOCK SYSTEMS

DIVISION 28 - ELECTRONIC SAFETY AND SECURITY

280500	COMMON WORK RESULTS FOR ELECTRONIC SAFETY AND SECURITY
281000	ACCESS CONTROL
281643	PERIMETER SECURITY SAFETY
282000	VIDEO SURVEILLANCE
284600	FIRE DETECTION AND ALARM

DIVISION 31 – EARTHWORK (Not Used)

DIVISION 32 – EXTERIOR IMPROVEMENTS (Not Used)

DIVISION 33 UTILITIES (Not Used)

END OF TABLE OF CONTENTS

SECTION 012100 - ALLOWANCES**PART 1 - GENERAL****1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements governing allowances.
- B. Types of allowances include the following:
 - 1. Lump-sum allowances.
 - 2. Testing and inspecting allowances.
- C. Related Requirements:
 - 1. Section 014000 "Quality Requirements" for procedures governing the use of allowances for field testing by an independent testing agency.

1.3 DEFINITIONS

- A. Allowance is a quantity of work or dollar amount established in lieu of additional requirements, used to defer selection of actual materials and equipment to a later date when direction will be provided to Contractor. If necessary, additional requirements will be issued by Change Order.

1.4 SELECTION AND PURCHASE

- A. At the earliest practical date after award of the Contract, advise Architect of the date when final selection, or purchase and delivery, of each product or system described by an allowance must be completed by the Owner to avoid delaying the Work.
- B. At Architect's request, obtain proposals for each allowance for use in making final selections. Include recommendations that are relevant to performing the Work.
- C. Purchase products and systems selected by Architect from the designated supplier.

1.5 ACTION SUBMITTALS

- A. Submit proposals for purchase of products or systems included in allowances in the form specified for Change Orders.

1.6 INFORMATIONAL SUBMITTALS

- A. Submit invoices or delivery slips to show actual quantities of materials delivered to the site for use in fulfillment of each allowance.
- B. Submit time sheets and other documentation to show labor time and cost for installation of allowance items that include installation as part of the allowance.
- C. Coordinate and process submittals for allowance items in same manner as for other portions of the Work.

1.7 LUMP-SUM ALLOWANCES

- A. Allowance shall include cost to Contractor of specific products and materials ordered by Owner or selected by Architect under allowance and shall include taxes, freight, and delivery to Project site.
- B. Unless otherwise indicated, Contractor's costs for receiving and handling at Project site, labor, installation, overhead and profit, and similar costs related to products and materials ordered by Owner or selected by Architect under allowance shall be included as part of the Contract Sum and not part of the allowance.
- C. Unused Materials: Return unused materials purchased under an allowance to manufacturer or supplier for credit to Owner, after installation has been completed and accepted.
 - 1. If requested by Architect, retain and prepare unused material for storage by Owner. Deliver unused material to Owner's storage space as directed.
 - 2. If allowance includes only labor and it is determined during the course of construction that the Work does not necessitate labor, the lump-sum shall be returned as a credit to the Owner.

1.8 TESTING AND INSPECTING ALLOWANCES

- A. Testing and inspecting allowances include the cost of engaging testing agencies, actual tests and inspections, and reporting results.
- B. The allowance does not include incidental labor required to assist the testing agency or costs for retesting if previous tests and inspections result in failure. The cost for incidental labor to assist the testing agency shall be included in the Contract Sum.
- C. Costs of testing and inspection services not required by the Contract Documents are not included in the allowance.
- D. At Project closeout, credit unused amounts remaining in the testing and inspecting allowance to Owner by Change Order.

1.9 ADJUSTMENT OF ALLOWANCES

- A. Allowance Adjustment: To adjust allowance amounts, prepare a Change Order proposal based on the difference between purchase amount and the allowance, multiplied by final measurement

of work-in-place where applicable. If applicable, include reasonable allowances for cutting losses, tolerances, mixing wastes, normal product imperfections, and similar margins.

1. Include installation costs in purchase amount only where indicated as part of the allowance.
 2. If requested, prepare explanation and documentation to substantiate distribution of overhead costs and other markups.
 3. Submit substantiation of a change in scope of Work, if any, claimed in Change Orders related to unit-cost allowances.
 4. Owner reserves the right to establish the quantity of work-in-place by independent quantity survey, measure, or count.
- B. Submit claims for increased costs because of a change in scope or nature of the allowance described in the Contract Documents, whether for the purchase order amount or Contractor's handling, labor, installation, overhead, and profit.
1. Do not include Contractor's or subcontractor's indirect expense in the Change Order cost amount unless it is clearly shown that the nature or extent of Work has changed from what could have been foreseen from information in the Contract Documents.
 2. No change to Contractor's indirect expense is permitted for selection of higher- or lower-priced materials or systems of the same scope and nature as originally indicated.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine products covered by an allowance promptly on delivery for damage or defects. Return damaged or defective products to manufacturer for replacement.

3.2 PREPARATION

- A. Coordinate materials and their installation for each allowance with related materials and installations to ensure that each allowance item is completely integrated and interfaced with related work.

3.3 SCHEDULE OF ALLOWANCES

- A. Allowance No. 1: Lump-Sum Allowance: Johnson Controls Fire Protection will be contracted for the procurement of fire alarm devices. The Contractor shall withhold a lump sum of \$29,306.70 for providing and installing fire alarm equipment. For more information on the scope and cost associated with this allowance, please reference Article 21 of the owner's Special Conditions.
- B. Allowance No. 2: Lump-Sum Allowance: Penetration Firestopping. Refer to specification 078413. The Contractor shall withhold a lump sum of \$15,000 for firestopping existing penetrations in all horizontal floor assemblies and shaft wall construction per the directive of the AHJ.

END OF SECTION 012100

SECTION 012300 - ALTERNATES**PART 1 - GENERAL****1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes administrative and procedural requirements for alternates.

1.3 DEFINITIONS

- A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.
 - 1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
 - 2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.4 PROCEDURES

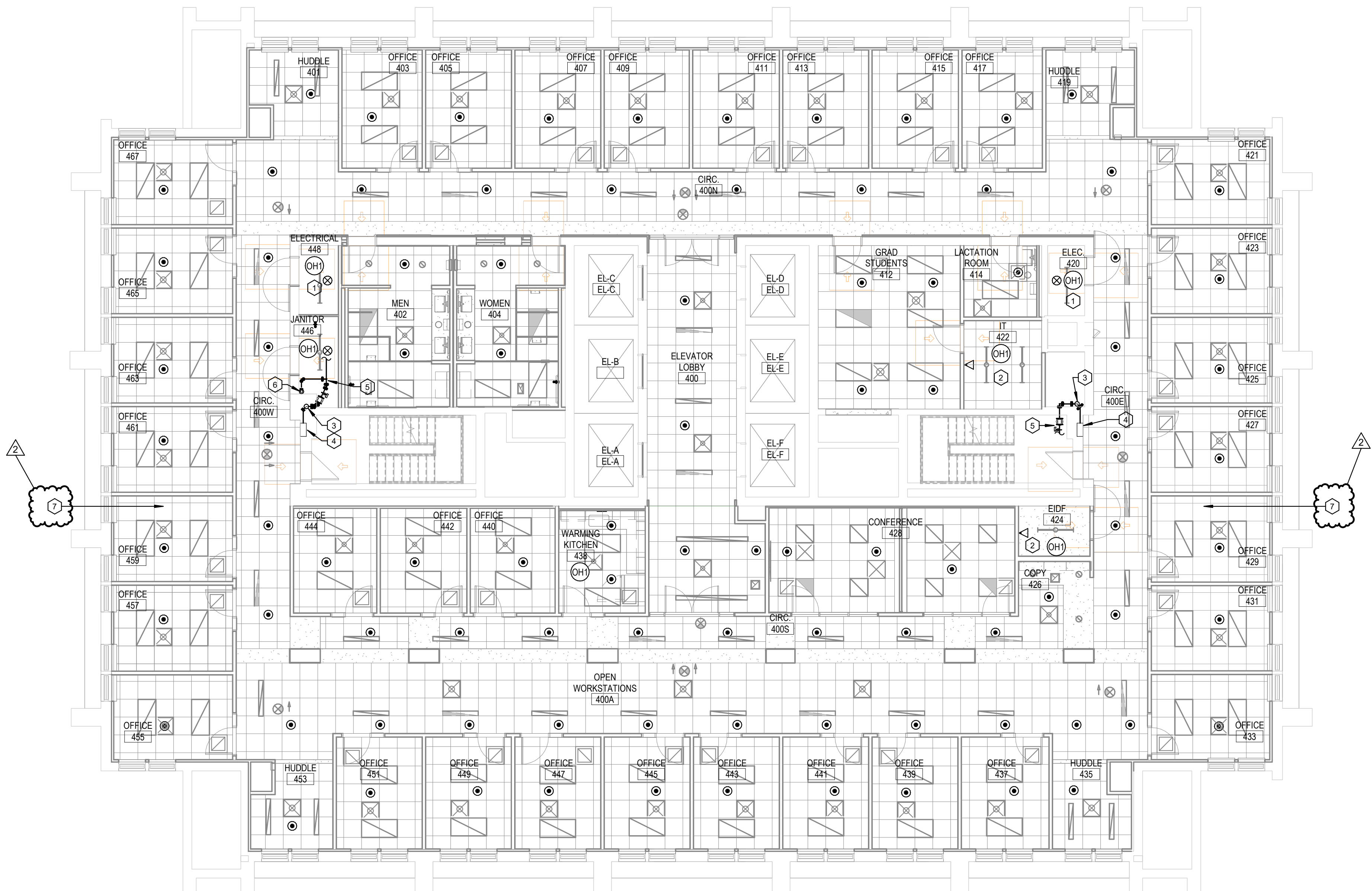
- A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
 - 1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.
- B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.
- C. Execute accepted alternates under the same conditions as other work of the Contract.
- D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

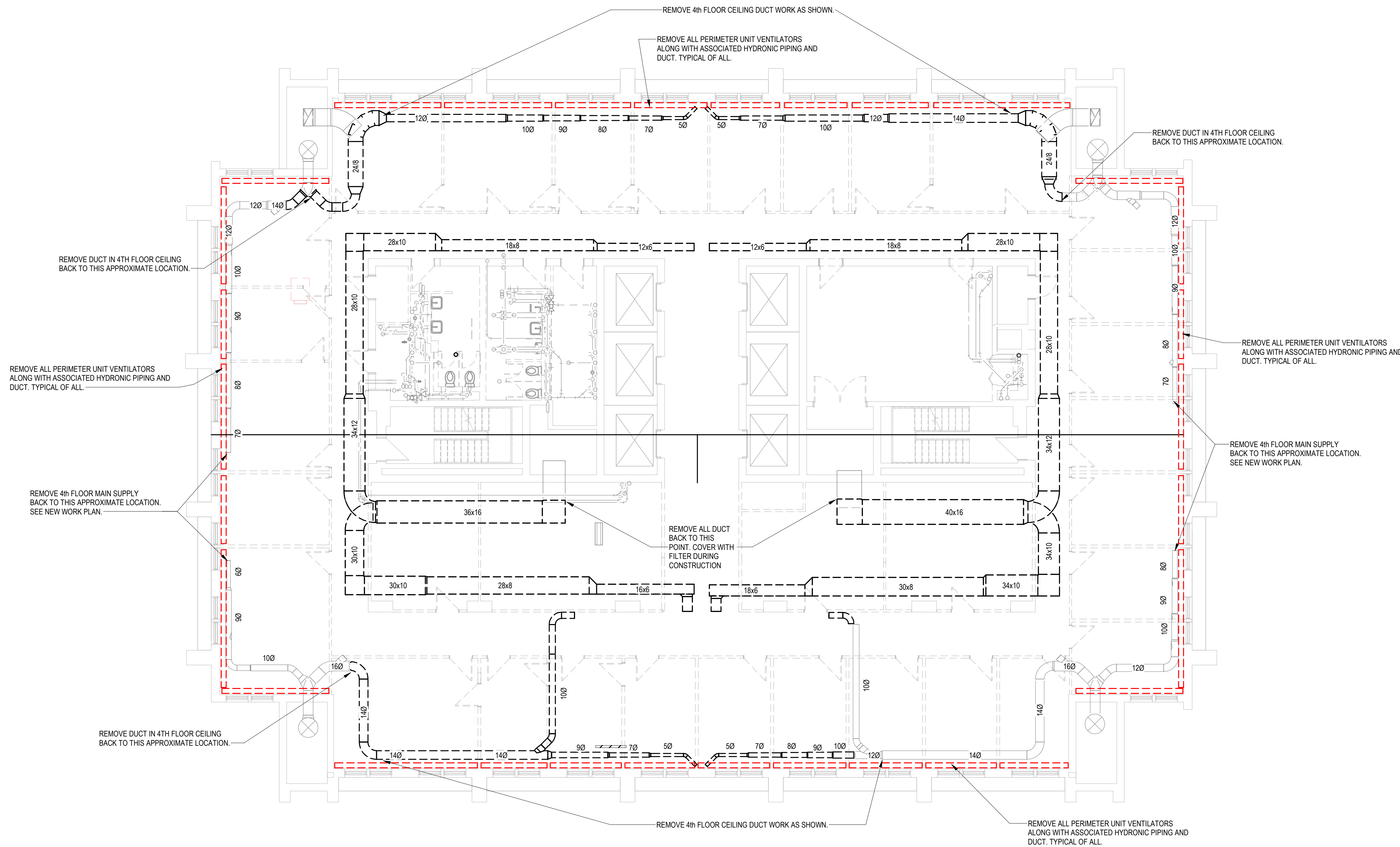
PART 2 - PRODUCTS (Not Used)**PART 3 - EXECUTION****3.1 SCHEDULE OF ALTERNATES****A. Alternate No. 1 Emergency Electrical Distribution System Modifications**

1. Base Bid: As documented in The Drawings.
2. Alternate Bid:

Provide alternate pricing for modifications to the existing emergency electrical distribution system located in the basement of Patterson Office Tower, including removal of an existing 200A enclosed circuit breaker, installation of a new 600A circuit breaker in the existing switchboard, installation of a new emergency automatic transfer switch (ATS), and installation of a new emergency distribution panelboard. The new ATS shall be connected to the existing switchboard via the new 600A breaker and shall serve the new emergency distribution panelboard. Scope includes all required equipment, feeder modifications, raceways, conductors, terminations, and associated switchboard modifications necessary to provide a complete and operational emergency power distribution system.

END OF SECTION 012300

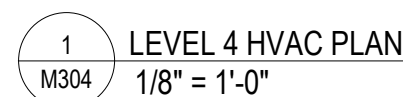




1 4th Floor MECHANICAL DEMOLITION PLAN
M104 / 1/8" = 1'-0"

No.	Description	Date
2	ADDENDUM #2	10/02/26

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE 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.



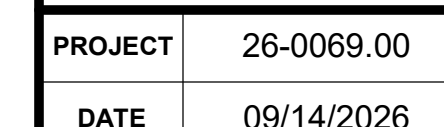
- JRA**
architects
- 301 East Vine Street
Lexington, Kentucky 40507
859.252.6781

KFI
ENGINEERS
2343 Alexandria Drive
Suite #200
Lexington, Kentucky 40504
Tel: (859) 271-3246
Email: kfi@kfi-eng.com

CONSTRUCTION DOCUMENTS

BUK PATTERSON OFFICE TOWER
4TH FLOOR RENOVATION

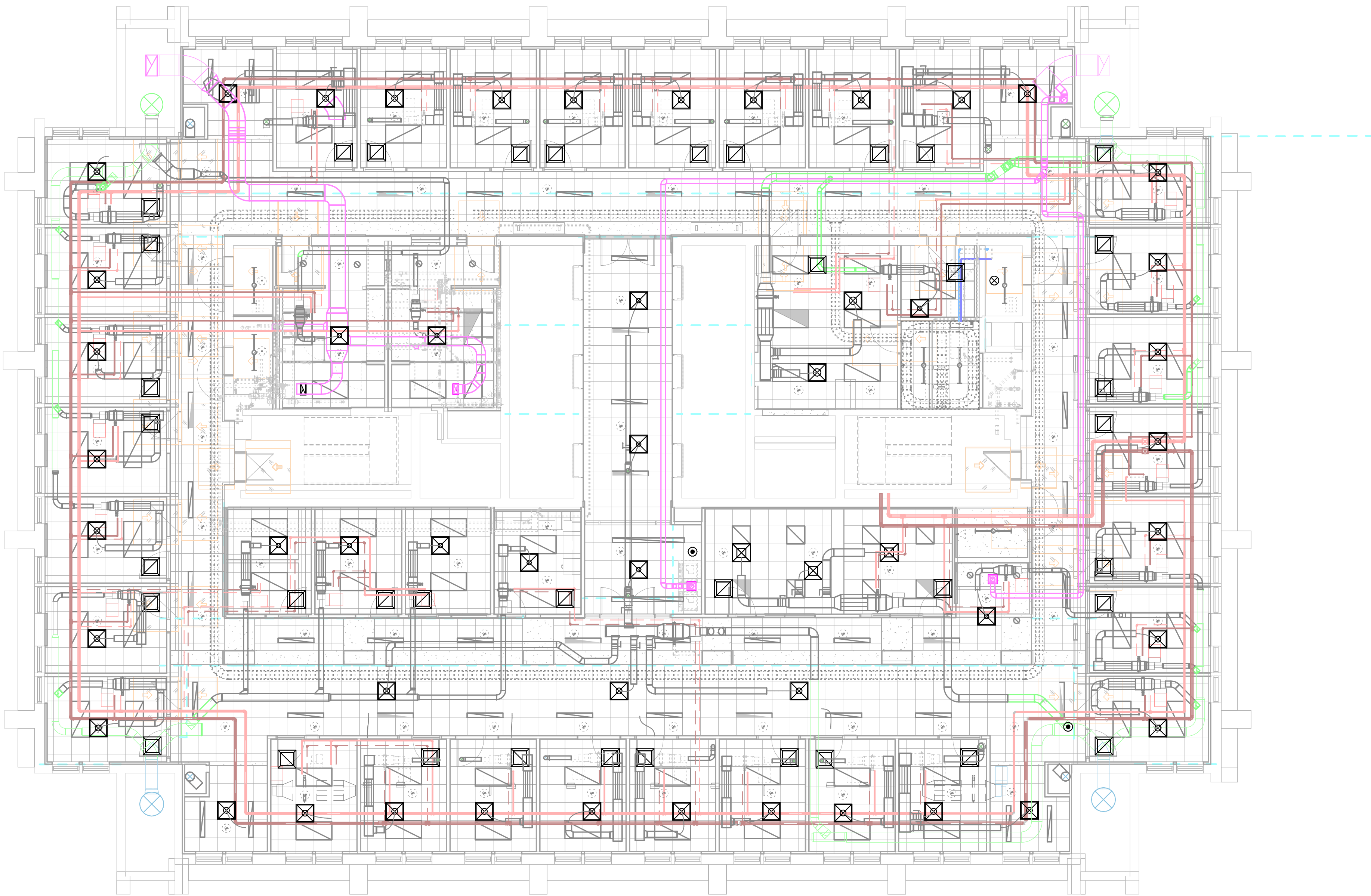
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M304

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1
M900
CEILING COORDINATION DRAWINGS
1/8" = 1'-0"

JRA
architects

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Lexington, Kentucky 40507
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RESERVED FOR AHJ STAMP

KFI
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2343 Alexandria Drive
Suite #200
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Tel: (859) 271-3246
Email: kfi@kfi-eng.com

CONSTRUCTION DOCUMENTS

UK PATTERSON OFFICE TOWER
4TH FLOOR RENOVATION

UNIVERSITY OF KENTUCKY
LEXINGTON, KY 40506



PROJECT 26-0069.00
DATE 09/14/2026

REVISIONS		
No.	Description	Date
2	ADDENDUM #2	10/02/26

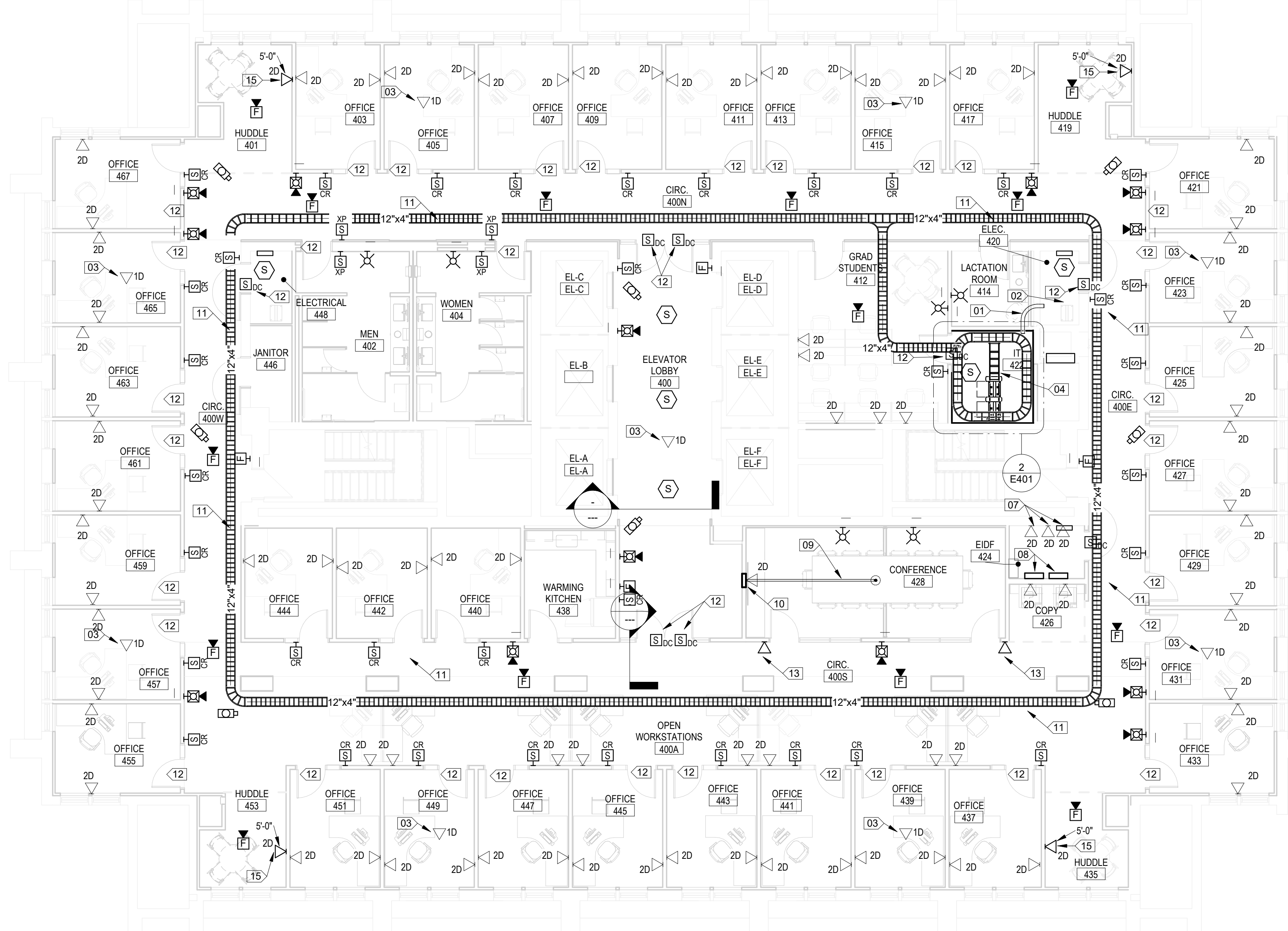
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CEILING
COORDINATION
DRAWINGS

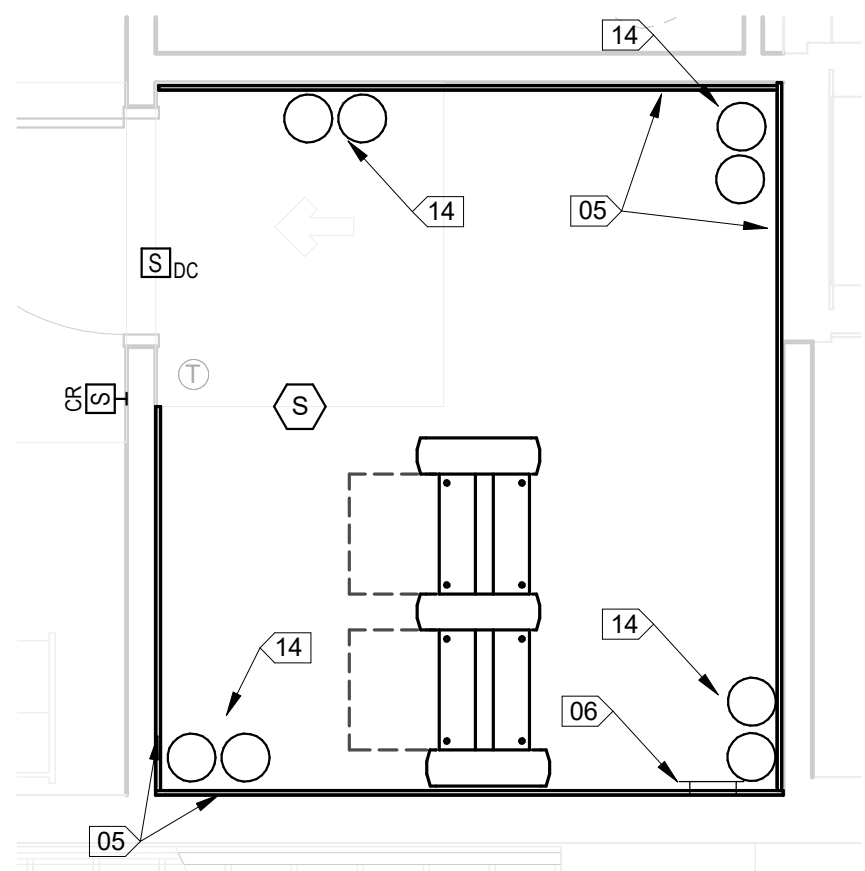
M900

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1
E401
LEVEL 4 - TECHNOLOGY PLAN
1/8" = 1'-0"



- # KEYNOTES E401
- 01 ROUTE ONE (1) 4" CONDUIT FROM EXISTING ELECTRIC ROOM 420 TO NEW IT ROOM 422. CONDUIT IS TO BE ROUTED AT 96" MIDDLE ELEVATION BETWEEN ROOMS. CONDUIT IS TO STUB OUT OF WALL 4" IN BOTH ROOMS. SEE NOTE 2 THIS SHEET.
- 02 ROUTE NEW 12 STRAND SM, 12 STRAND OM4 FIBER, AND 12 PAIR COPPER FROM RM 422 TO RM 520. SEE NOTE 1 THIS SHEET.
- 03 INSTALL DATA PORTS IN 4-11/16" X 4-11/16" BOX 12" ABOVE LAY-IN CEILING FOR OWNER PROVIDED WIRELESS ACCESS POINT. BOX IS TO FACE DOWNWARD WITH BLANK COVER PLATE. COORDINATE INSTALLATION WITH ENGINEERING AND UK CNS PRIOR TO ROUGH-IN.
- 04 THIS SECTION OF CABLE TRAY IS TO BE LADDER RUNWAY STYLE.
- 05 PROVIDE AND INSTALL FIRE RETARDANT 3/4" PLYWOOD ALONG WALLS AS INDICATED FOR MOUNTING OF LOW-VOLTAGE SYSTEMS EQUIPMENT. PLYWOOD TO BE MOUNTED STARTING AT 4" AFF CONTINUOUS UP TO 8'-4" OR TO THE CEILING DECK WHICHEVER COMES FIRST.
- 06 PROVIDE AND INSTALL TELECOMMUNICATIONS BUS BAR AT 24" AFF. SEE DETAIL FOR ADDITIONAL INFORMATION. CONNECT THE GROUND BAR TO THE MAIN ELECTRICAL SERVICE GROUND SYSTEM WITH A #6 AWG WIRE.
- 07 PROVIDE AND INSTALL TWO DATA PORTS AT LOCATION OF HVAC CONTROLS PANEL. COORDINATE EXACT LOCATION AND QUANTITY WITH HVAC CONTROLS CONTRACTOR.
- 08 LOCATION FOR SECURITY AND ACCESS CONTROL PANELS.
- 09 PROVIDE ONE (1) 2" CONDUIT TO RUN FROM FLOORBOX TO MEDIA WALL BOX BEHIND FLATPANEL DISPLAY FOR DATA CABLING.
- 10 RECESSED MEDIA WALL BOX WITH POWER AND DATA FOR WALL MOUNTED FLAT PANEL DISPLAY. BOX IS TO BE MODEL CHEIF PAC-525 SERIES OR EQUAL. ARCHITECT IS TO SELECT COVER FINISH DURING SHOP DRAWING PHASE. PROVIDE WITH 2 DATA CONNECTIONS AND ONE HDMI CONNECTION TO FLOORBOX. SEE DETAILS.
- 11 CABLE TRAY IS TO BE INSTALLED 6" ABOVE LAY-IN CEILING. PROVIDE AND INSTALL CABLE TRAY TO ENSURE CLEARANCES WILL BE MET. REFER TO CABLE TRAY CLEARANCE DETAIL ON ELECTRICAL DETAILS SHEET. CONTRANCTOR IS TO COORDINATE WITH ALL TRADES FOR CLEARANCE.
- 12 PROVIDE CONDUIT AND ROUGH-IN TO DOOR FRAME FOR DOOR HARDWARE/ACCESS CONTROL SYSTEM CABLING.
- 13 PROVIDE DATA OUTLET AT THIS LOCATION FOR ROOM SCHEDULER.
- 14 PROVIDE 4" SLEEVES THROUGH FLOOR TO ROOM BELOW, AS SHOWN.
- 15 INSTALL DATA PORTS AT THIS LOCATION FOR WALL MOUNTED TV.



2
E401
LEVEL 4 - TECHNOLOGY PLAN - Callout 1
3/8" = 1'-0"

JRA
architects

301 East Vine Street
Lexington, Kentucky 40507
859.252.6781

RESERVED FOR AHJ STAMP

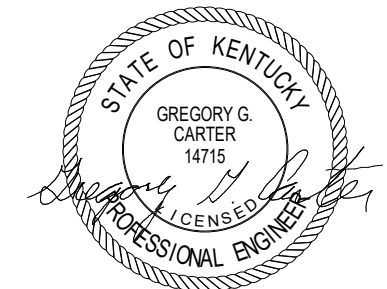
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CONSTRUCTION DOCUMENTS

UK PATTERSON OFFICE TOWER
4TH FLOOR RENOVATION

UNIVERSITY OF KENTUCKY
LEXINGTON, KY 40506



ELECTRICAL

PROJECT 26-0069.00

DATE 09/14/26

REVISIONS

No.	Description	Date
1	Addendum 2	10/01/26

JRA ARCHITECTS HAS RETAINED AN ELECTRONIC VERSION OF THESE DRAWINGS. THE CLIENT AGREES NOT TO REUSE THESE 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 TRANSMIT 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.

4TH FLOOR
TECHNOLOGY
PLAN

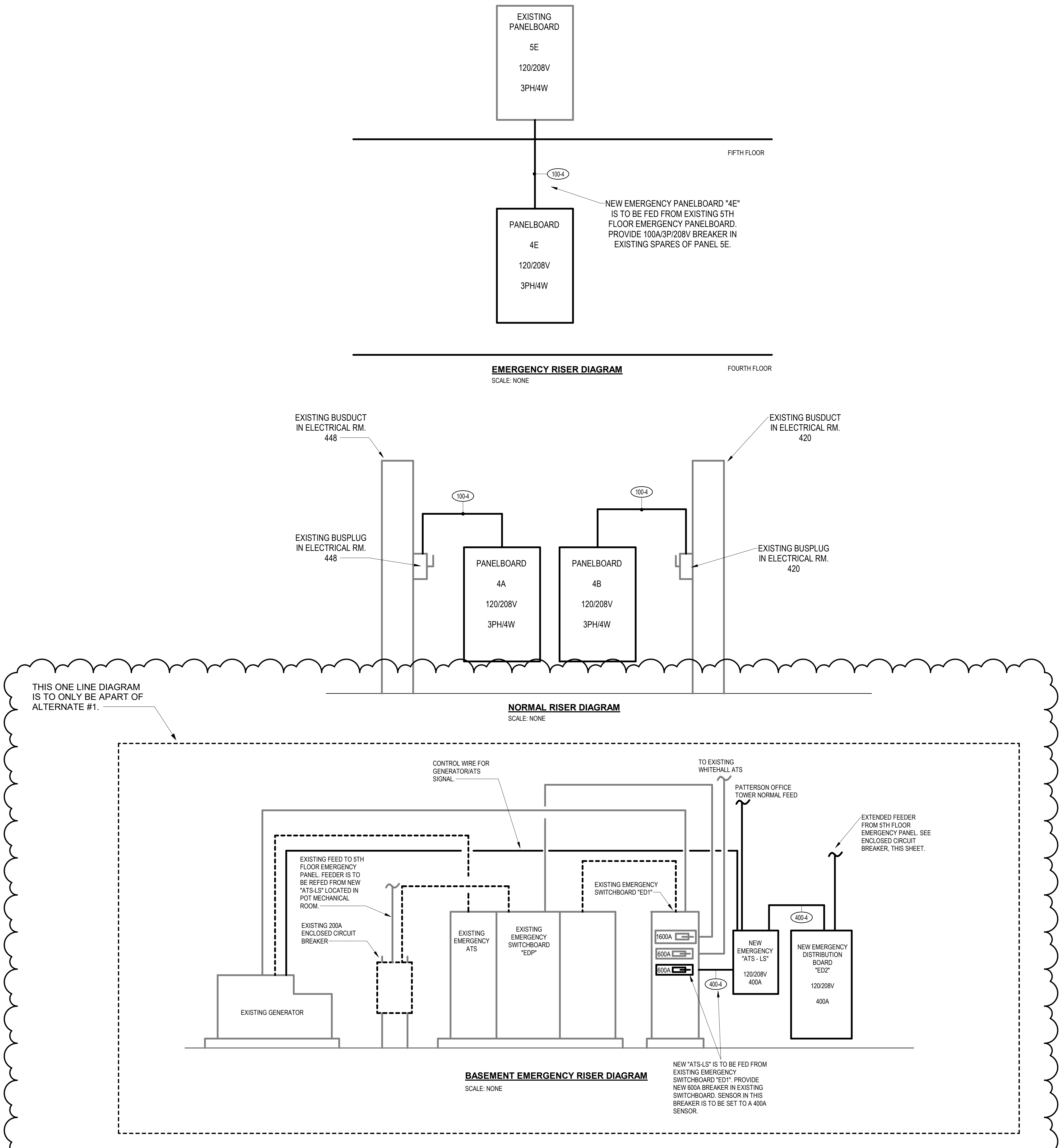
E401

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Branch Panel: 4A													
Location: Space 448				Volts: 120/208 Wye				A.I.C. Rating: 22000					
Supply From:				Phases: 3				Mains Type: MLO					
Mounting: SURFACE				Wires: 4				Mains Rating: 100 A					
Enclosure: NEMA 1													
Header Notes:													
Note	Circuit Description	CKT	Trip	Poles	A	B	C	Poles	Trip	CKT	Circuit Description	Note	
	RECPT - SW RM 409	1	20 A	1	360 VA	360 VA		1	20 A	2	RECPT - SW RM 403		
	RECPT - SW RM 407	3	20 A	1		360 VA	360 VA	1	20 A	4	RECPT - SW RM 465		
	RECPT - SW RM 405	5	20 A	1			360 VA	360 VA	1	6	RECPT - SW RM 467		
	RECPT - SW RM 463	7	20 A	1	360 VA	360 VA		1	20 A	8	RECPT - SW RM 457		
	RECPT - SW RM 461	9	20 A	1		360 VA	360 VA	1	20 A	10	RECPT - SW RM 455		
	RECPT - SW RM 459	11	20 A	1			360 VA	360 VA	1	12	RECPT - SW RM 451		
	RECPT - SW RM 449	13	20 A	1	360 VA	360 VA		1	20 A	14	RECPT - SW RM 444		
	RECPT - SW RM 447	15	20 A	1		360 VA	360 VA	1	20 A	16	RECPT - SW RM 442		
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	RECPT - RM 409	19	20 A	1	900 VA	900 VA		1	20 A	20	RECPT - RM 467		
	RECPT - RM 405	21	20 A	1		900 VA	900 VA	1	20 A	22	RECPT - RM 403		
	RECPT - RM 407	23	20 A	1			900 VA	900 VA	1	24	RECPT - RM 465		
	RECPT - RM 463	25	20 A	1	900 VA	900 VA		1	20 A	26	RECPT - RM 455		
	RECPT - RM 459	27	20 A	1		900 VA	900 VA	1	20 A	28	RECPT - RM 457		
	RECPT - RM 461	29	20 A	1			900 VA	900 VA	1	30	RECPT - RM 451		
	RECPT - RM 449	31	20 A	1	900 VA	900 VA		1	20 A	32	RECPT - RM 442		
	RECPT - RM 445	33	20 A	1		900 VA	900 VA	1	20 A	34	RECPT - RM 440		
	RECPT - RM 447	35	20 A	1			900 VA	900 VA	1	36	RECPT - RM 444		
	RECPT - CORRIDOR	37	20 A	1	1260...	360 VA		1	20 A	38	RECPT - KITCHEN		
	RECPT - CORRIDOR	39	20 A	1		1800...	180 VA	1	20 A	40	RECPT - MICROWAVE...		
	RECPT - WATER COOLERS...	41	20 A	1			360 VA	180 VA	1	42	RECPT - REFRIGERATOR...		
	RESTROOM FIXTURES	43	20 A	1	30 VA	0 VA			1	20 A	44	MENS RESTROOM DOOR OPERATOR	
	RESTROOM FIXTURES	45	20 A	1		30 VA	0 VA		1	20 A	46	WOMENS RESTROOM DOOR OPERATOR	
	RESTROOM HAND DRYERS	47	20 A	1			360 VA	360 VA	1	20 A	48	RECPT - LOBBY	
	LTG	49	20 A	1	1636...	620 VA			1	20 A	50	LTG	
	SPARE	51	20 A	1		0 VA	0 VA		1	20 A	52	SPARE	
	SPARE	53	20 A	1			0 VA	0 VA	1	20 A	54	SPARE	
Total Load:				11466 VA		9570 VA		8820 VA					
Total Amps:				97 A		81 A		74 A					
Legend:													
DEMAND FACTORS: (RECEPTACLES 100%/<10,000VA, 50%/>10,000VA)(LIGHTING 125%)(MECHANICAL 100%)(CONTINUOUS LOADS 125%)(KITCHEN PER NEC TABLE 220.56)													

Branch Panel: 4B													
Location: ELEC 420					Volts: 120/208 Wye				A.I.C. Rating: 22000				
Supply From:					Phases: 3				Mains Type: MLO				
Mounting: SURFACE					Wires: 4				Mains Rating: 100 A				
Enclosure: NEMA 1													
Header Notes:													
Note	Circuit Description	CKT	Trip	Poles	A	B	C	Poles	Trip	CKT	Circuit Description	Note	
	RECPT - SW RM 411	1	20 A	1	360 VA	360 VA		1	20 A	2	RECPT - SW RM 417		
	RECPT - SW RM 413	3	20 A	1		360 VA	360 VA	1	20 A	4	RECPT - SW RM 421		
	RECPT - SW RM 415	5	20 A	1			360 VA	360 VA	1	6	RECPT - SW RM 423		
	RECPT - SW RM 425	7	20 A	1	360 VA	360 VA		1	20 A	8	RECPT - SW RM 431		
	RECPT - SW RM 427	9	20 A	1		360 VA	360 VA	1	20 A	10	RECPT - SW RM 433		
	RECPT - SW RM 429	11	20 A	1			360 VA	360 VA	1	12	RECPT - SW RM 437		
	RECPT - SW RM 439	13	20 A	1	360 VA	900 VA		1	20 A	14	RECPT - RM 411		
	RECPT - SW RM 441	15	20 A	1		360 VA	900 VA	1	20 A	16	RECPT - RM 413		
	RECPT - SW RM 443	17	20 A	1			360 VA	900 VA	1	18	RECPT - RM 415		
	RECPT - RM 417	19	20 A	1	900 VA	900 VA		1	20 A	20	RECPT - RM 425		
	RECPT - RM 421	21	20 A	1		900 VA	900 VA	1	20 A	22	RECPT - RM 427		
	RECPT - RM 423	23	20 A	1			900 VA	900 VA	1	24	RECPT - RM 429		
	RECPT - RM 431	25	20 A	1	900 VA	900 VA		1	20 A	26	RECPT - RM 439		
	RECPT - RM 433	27	20 A	1		900 VA	900 VA	1	20 A	28	RECPT - RM 441		
	RECPT - RM 435	29	20 A	1			900 VA	900 VA	1	30	RECPT - RM 443		
	RECPT - RM 412	31	20 A	1	1260...	1080...		1	20 A	32	RECPT - RM 428		
	RECPT - RM 412	33	20 A	1		720 VA	1080...	1	20 A	34	RECPT - RM 428		
	RECPT - RM 412	35	20 A	1			1080...	360 VA	1	20 A	36	RECPT - COPIERS	
	LTG	37	20 A	1	1637... 1260...			1	20 A	38	RECPT - CORRIDOR		
	LTG	39	20 A	1		562 VA	1080...		1	20 A	40	RECPT - CORRIDOR	
	OPEN OFFICE	41	20 A	1			1440... 120 VA	1	20 A	42	OPEN OFFICE		
	OPEN OFFICE	43	20 A	1	120 VA	120 VA		1	20 A	44	OPEN OFFICE		
	OPEN OFFICE	45	20 A	1		120 VA	120 VA	1	20 A	46	OPEN OFFICE		
	OPEN OFFICE	47	20 A	1			120 VA	120 VA	1	20 A	48	OPEN OFFICE	
	OPEN OFFICE	49	20 A	1	120 VA	0 VA		1	20 A	50	SPARE		
	SPARE	51	20 A	1		0 VA	0 VA		1	20 A	52	SPARE	
	SPARE	53	20 A	1			0 VA	0 VA	1	20 A	54	SPARE	
Total Load:					11897 VA	9982 VA	9540 VA						
Total Amps:					100 A	84 A	80 A						
Legend:													
DEMAND FACTORS: (RECEPTACLES 100%<10,000VA, 50%>10,000VA)(LIGHTING 125%)(MECHANICAL 100%)(CONTINUOUS LOADS 125%)(KITCHEN PER NEC TABLE 220.56)													

Branch Panel: E4												
Location: EIDF 424				Volts: 120/208 Wye				A.I.C. Rating: 22000				
Supply From:				Phases: 3				Mains Type: MLO				
Mounting: SURFACE				Wires: 4				Mains Rating: 100 A				
Enclosure: NEMA 1												
Header Notes:												
Note	Circuit Description	CKT	Trip	Poles	A	B	C	Poles	Trip	CKT	Circuit Description	Note
	DOOR ACCESS/SECURITY PANELS	1	20 A	1	5 VA	360 VA		1	20 A	2	RECPT - RM 422 IT	
	DOOR ACCESS/SECURITY PANELS	3	20 A	1		5 VA	360 VA		1	20 A	4	RECPT - RM 422 IT
	DOOR ACCESS/SECURITY PANELS	5	20 A	1			5 VA	360 VA	1	20 A	6	RECPT - RM 422 IT
	HP-1	7	20 A	1	0 VA	1500...				8	RECPT - IT	
	RECPT - IT	9	20 A	2		1500... 1500...			2	30 A	10	
		11					1500... 360 VA		1	20 A	12	RECPT - RM 422 IT
	LTG - EMERGENCY	13	20 A	1	790 VA	0 VA			1	20 A	14	SPARE
	SPARE	15	20 A	1		0 VA	0 VA		1	20 A	16	SPARE
	SPARE	17	20 A	1			0 VA	0 VA	1	20 A	18	SPARE
	SPARE	19	20 A	1	0 VA	0 VA			1	20 A	20	SPARE
	SPARE	21	20 A	1		0 VA	0 VA		1	20 A	22	SPARE
	SPARE	23	20 A	1			0 VA	0 VA	1	20 A	24	SPARE
	SPARE	25	20 A	1	0 VA	0 VA			1	20 A	26	SPARE
	SPARE	27	20 A	1		0 VA	0 VA		1	20 A	28	SPARE
	SPARE	29	20 A	1			0 VA	0 VA	1	20 A	30	SPARE
	SPARE	31	20 A	1	0 VA	0 VA			1	20 A	32	SPARE
	SPARE	33	20 A	1		0 VA	0 VA		1	20 A	34	SPARE
	SPARE	35	20 A	1			0 VA	0 VA	1	20 A	36	SPARE
	SPARE	37	20 A	1	0 VA	0 VA			1	20 A	38	SPARE
	SPARE	39	20 A	1		0 VA	0 VA		1	20 A	40	SPARE
	SPARE	41	20 A	1			0 VA	0 VA	1	20 A	42	SPARE
Total Load:					2655 VA	3365 VA	2225 VA					
Total Amps:					23 A	29 A	19 A					
Legend:												
DEMAND FACTORS: (RECEPTACLES 100%<10,000VA, 50%>10,000VA)(LIGHTING 125%)(MECHANICAL 100%)(CONTINUOUS LOADS 125%)(KITCHEN PER NEC TABLE 220.56)												



FEEDER (AMPS)	CONDUIT	CONDUCTOR
20-3	3/4"	3#12 & 1#12 GND
20-4	3/4"	4#12 & 1#12 GND
30-3	3/4"	3#10 & 1#10 GND
30-4	3/4"	4#10 & 1#10 GND
40-3	3/4"	3#8 &