

REQUEST FOR PROPOSALS

CCK-2738-24

MDS Building – 5th Floor Renovation

Project #2590.1

ADDENDUM #3

08/09/2023

Offerors should acknowledge receipt of this, and any addendum, as directed in the Invitation for Bids.

## ITEM #1: CLARIFICATIONS AND MODIFICATIONS TO THE ADVERTISEMENT

Please refer to the attached updates/revisions to the original advertisement.

OFFICIAL APPROVAL UNIVERSITY OF KENTUCKY	<u>SIGNATURE</u>	
Ken Scott 08/09/2023		
Ken Scott, Purchasing Officer	Typed or Printed Name	

University of Kentucky Purchasing Division 322 Peterson Service Building Lexington, KY 40506-0005

MDS Fifth Floor Renovation University of Kentucky Lexington, Kentucky

#### **Addendum Number Three**

09 August 2023

### **SHA.UKY2205**

### TO ALL BIDDERS OF RECORD AND ALL REGULATORY AGENCIES

This Addendum Three forms part of the Contract Documents and modifies the Project Manual and/or Construction Drawings dated 07 July 2023. Acknowledge receipt of this Addendum in Proposal. Failure to do so may subject Bidder to disqualification.

<u>General</u>		
4.01	Reference:	UKY2205 MDS Bid QA Chart
	A. Clarification:	Please refer to the attached Bidder Questions and Answer document.
4.02	Reference:	Allowance
	A. Clarification:	Per Bidder Question #27 regarding the AV Allowance. This Allowance should be removed from consideration in any Bid Proposal as the required AV has been captured within the Contract Documents.
4.03	Reference:	Attached Key Plan document set
	A. Clarification:	Refer to attached documents which indicate additional required demolition, repair, replacement, finish scope within existing spaces at the Basement through Floor 4. This work is to facilitate the installation of Electrical infrastructure.  These documents should be considered part of the construction documents.
4.04	Reference:	Mechanical Comment
	A. Clarification:	Install AHU-1 & AHU-2 on 4" housekeeping pad. AHU-1 has a bottom supply air discharge that the housekeeping pad shall be framed around.
<b>Specification</b>	ns	
4.05	Reference:	Specification Section 08 71 00 – Door Hardware

**A. Clarification:** Please refer to revised Specification Section 08 71 00 Door Hardware,

attached

4.06 Reference: Specification Section 09 77 53 – Decorative Laminate Wood Panel

**System** 

**B. Clarification:** Please refer to revised Specification Section 09 77 53 – Decorative

Laminate Wood Panel System attached. Updated acceptable manufacturers.

**Architectural Drawings** 

4.07 Reference: A0.1 Project Information

A. Clarification: To coordinate sizes/descriptions with AV drawings, the following Items

were updated in the Equipment Schedule:

EQ-01, EQ-02, EQ-03, and EQ-04

EQ-04a added to schedule (to coordinate with AV drawings)

Updated Responsibility

**Updated Notes** 

**B. Clarification:** For EQ-03 55" Monitor (Future), infrastructure to support this device is part

of this project. Contractor to provide blocking for future monitor as part of

this project.

**C. Clarification:** Revised Stretcher tag from EQ-7 to EQ-29.

D. Clarification: Added EQ-31 Patient Monitor and EQ-32 Computer (Wall-Mounted) to ICU

Training Room 545.

**E. Clarification:** All hand sanitizer dispensers to be EQ-12; O.F.C.I. Install 48" Max, AFF to

bottom of dispenser.

F. Clarification: Changed responsibility of NC Master Station (EQ-17) and Projector (EQ-24).

4.01 Reference: A2.1 Composite Fifth Floor Demolition Plan

**G. Clarification:** Demolished existing walls and existing fire hose cabinet.

4.08 Reference: A4.1 Composite Fifth Floor Plan

A. Clarification: Clarified operable partition door number 529B in Classroom 529. Door

529B is not included in door schedule. Refer to Bidder Question #3. Door hardware the responsibility of Operable Partition manufacturer.

4.09 Reference: A4.1.A Enlarged Fifth Floor Plan – Area 'A'

**A. Clarification:** Added EQ-12 Hand Sanitizer Dispensers to Conference Room 501D,

Kitchenette 501D1, Standardized Patient Exam 503 and 505, Debrief 509

and 539.

**B. Clarification:** Relocated EQ-12 Hand Sanitizer dispensers at Corridor 500D and 500B,

Skills Lab 507, Skills Lab 541, and Corridor 500A.

C. Clarification: Revised Hand Sanitizer Dispenser tags from TA-09 to EQ-12 in Corridor

500A (near door 507-2, near door 541-2, and at relocated fixture near

Elevator B) and Entry/Waiting 501A.

**D. Clarification:** Relocated EQ-01 32" Monitor in Recruiter Office 501B and 501C.

**E. Clarification:** Added TA-04 Soap Dispenser and TA-05 Paper Towel Dispenser to the

Kitchenette 501D1.

F. Clarification: Revised EQ-04 75" Monitor in Conference Room 501D to EQ-04a 86"

Monitor.

G. Clarification: Added EQ-03 55" Monitor, EQ-05 Bedside Cabinet, and EQ-12 Hand

Sanitizer Dispenser in ICU Training Room 545.

**H. Clarification:** Tagged TA-05 Paper Towel Dispenser, EQ-09 Diagnostic Set, EQ-18

Overbed Table, EQ-31 Patient Monitor, EQ-32 Computer (Wall-Mounted), and EQ-39 Ventilator, and removed Similar Elevation tags in ICU Training

Room 545.

**I. Clarification:** Revised headwall design in ICU Training Room 545, refer to A4.5 Enlarged

Plan Details and A9.3 Interior Elevations.

**J. Clarification:** Added new walls and Fire Department Valve Cabinet - 2 locations off of

Corridor 500A.

4.10 Reference: A4.1.B Enlarged Fifth Floor Plan – Area 'B'

**A. Clarification:** Classroom 529- Keynote revised from 123200.E08 to 101133.A01

"Porcelain enamel markerboards. Provide two boards per location."

4.11 Reference: A4.1.D Enlarged Fifth Floor Plan – Area 'D'

**A. Clarification:** Tagged EQ-21 Patient Bed (Labor) at Bed Position 03.

B. Clarification: Removed NC-A and EQ-17 from Office/Control 507B. Nurse Call Master

Station to remain located at Skills Lab 507 at instructor desk.

4.12 Reference: A4.1.E Enlarged Fifth Floor Plan – Area 'E'

A. Clarification: Removed NC-A and EQ-17 from Office/Control 541B. Nurse Call Master

Station to remain located at Skills Lab 541at instructor desk.

**B. Clarification:** Tagged EQ-12 Hand Sanitizer Dispensers near door to Waiting 535.

C. Clarification: Removed EQ-39 Ventilator and Ventilator cabinet from Skills Lab 541.

**D. Clarification:** Skills Lab 2 – 541, Relocated EQ-08 Crash Cart from previous location

adjacent to Door 541B-2 to beside column J10J.

4.13 Reference: A4.3 Enlarged Plan Details

**A. Clarification:** Revised TA-09 Hand Sanitizer dispenser to TA-04 Soap Dispenser.

4.14 Reference: A4.5 Enlarged Plan Details

**A. Clarification:** Added sheet A4.5 Enlarged Plan Details to the drawings set (related to the

ICU training Room)

4.15 Reference: A5.1.A Enlarged Fifth Floor Ceiling Plan

**A. Clarification:** Added ceiling height tags – Corridor 500A.

**B. Clarification:** Revised ceiling to align with wall revision of Fire Department Valve

Cabinets.

C. Clarification: Added Ceiling Keynote to rooms 501 & 501D

4.16 Reference: A5.3 Ceiling Details

A. Clarification: Detail 11 - Keynote revised from 123200.E07 to 101133.A01 Porcelain

enamel markerboards. Provide two boards per location.

**B. Clarification:** Detail 13, ceiling type keynote revised.

4.17 Reference: A9.1 Interior Elevations

A. Clarification: Tagged EQ-12 Hand Sanitizer Dispensers (View 08/A9.1).

**B. Clarification:** Revised EQ-A tag to be called DIGI PAD (Views 01/A9.1 and 08/A9.1).

**C. Clarification:** Adjusted location of Digi Pad. (View 08/A9.1).

**D. Clarification:** Added and tagged TA-04 soap dispenser and TA-05 paper towel dispenser.

(View 06/A9.1).

**E. Clarification:** Relocated EQ-12 Hand Sanitizer Dispensers EQ-12 from View 01/A9.1 to

View 12/A9.1.

**F. Clarification:** Added and tagged Hand Sanitizer Dispensers (View 05/A9.1).

**G. Clarification:** Dimensioned wall outlets and equipment in interior elevations.

H. Clarification: Monitor sizing and placement altered (Views 03/A9.1, 04/A9.1, 05/A9.1,

and 14/A9.1).

**I. Clarification:** Added note regarding laminate-clad bench (View 11/A9.1).

4.18 Reference: **A9.2 Interior Elevations** A. Clarification: Revised keynote from 102600A.4 to 102600A.04 - Sheet Wall Protection (View 01/A9.2). **B.** Clarification: Revised Panic Button tag from EQ-N to PB (View 01/A9.2). C. Clarification: Revised tags from EQ-CCC tags to keynote FURN.A01 Furniture N.I.C., provided by furniture vendor (View 01/A9.2 and 02/A9.2). D. Clarification: Tagged EQ-12 Hand Sanitizer Dispenser (View 01/A9.2); Added and tagged EQ-12 Hand Sanitizer Dispenser (View 09/A9.2). **E. Clarification:** Revised height marker from TBD to 6'-5" (View 02/A9.2); Added height marker at 2'-6" (View 05/A9.2). F. Clarification: Dimensioned wall outlets and equipment in interior elevations. G. Clarification: Monitor spacing and placement altered (Views 02/A9.2, 05A9.2, and 10/A9.2.) 4.19 Reference: **A9.3 Interior Flevation** A. Clarification: Revised location of EQ-31 Patient Monitor and outlets in ICU Training Room 545 (View 25/A9.3). **B.** Clarification: Added dimensions to headwall design. C. Clarification: Added keynotes to indicate various material finishes in ICU Training Room 545 (Views 24/A9.3, 25/A9.3, and 26/A9.3), including 097753.A07, laminate on substrate and 102600.A03, impact resistance wall covering. **D.** Clarification: Added wall protection to ICU Training Room 545. **E. Clarification:** Added note to headwall, "ALL FACEPLATES TO FALL WITHIN THE FULL PANEL. INSTALL EXTENDERS FOR THE FACEPLATE AS NEEDED." (View 25/A9.3). F. Clarification: Tagged TA-04 Soap Dispensers in Female Restroom 530 (View 18/A9.3). G. Clarification: Dimensioned wall outlets and equipment in interior elevations. H. Clarification: Added view 27.

4.20 Reference: A10.1 Door Schedule

**A. Clarification:** Door 528A - Added Hardware set 06

**B. Clarification:** Door 545 –

Renumbered from 545-1
 Added glazing type

3. Revised Hardware set to C01E

## **Interior Design Drawings** 4.21 Reference: **ID1.1 Composite Fifth Floor Finish Plan** A. Clarification: Added L1D, L1E, L1F, L1G to Casework/Millwork finish schedule refer to ID1.1 for additional information. **B.** Clarification: Added IWC1 Impact resistant wall covering to ICU Training Room 545. C. Clarification: Added WP3 solid surface wall covering at sink in the ICU Training Room 545. D. Clarification: Revised the Ceiling Finishes Schedule for ACT1 acoustical panels from a square edge 9/16" to a square grid to 15/16". **E. Clarification:** Base Finishes (B) Schedule - Revised product information for RB1, CWB1, SCH<sub>1</sub> F. Clarification: Casework/Millwork Finish Schedule - Revised specification text for L1A and G. Clarification: Floor Finishes (F) Schedule - Revised LVT2 color and contact information. H. Clarification: Wall Finishes (W) Schedule - Revised specification text for PT4. 4.22 **Reference: ID1.1.A Enlarged Fifth Floor Finish Plan** A. Clarification: **ICU Training Room 545** a. Added wall protection IWC1 around room b. Added solid surface wall protection WP3 at sink location **B.** Clarification: Revised Base at Conference Room 501D. C. Clarification: Entry/Waiting 501A a. Added PT2 designation. Revised PT2 to IWC1 D. Clarification: Corridor 500B Removed and revised extents of PWC1 b. Updated plan keynote 29. NOW plan keynote 14 **E. Clarification:** Student Success Center 501 - Revised plan keynote 32

## **Fire Protection Drawings**

F. Clarification:

4.23 Reference: F1.2 – FIFTH FLOOR - FIRE PROTECTION – DEMOLITION

Corridor 500D - removed PWC1

**A. Clarification:** Added note to demolish floor's hose cabinets.

4.24 Reference: F2.2 – FIFTH FLOOR - FIRE PROTECTION – NEW WORK

**A. Clarification:** Added not install fire protection valve cabinets.

**Plumbing Drawings** 

4.25 Reference: P1.12 - FOURTH FLOOR - PLUMBING - DEMOLITION

**A. Clarification:** Revised tag note PD53.

4.26 Reference: P2.1 - FOURTH FLOOR - PLUMBING - NEW WORK

**A. Clarification:** Revised sanitary piping below ICU Training – 545 room.

4.27 Reference: P2.2 - FIFTH FLOOR - PLUMBING - NEW WORK

**A. Clarification:** Revised ICU Training – 545 room. Deleted (1) P-4 fixture.

**B. Clarification:** Added MG-2 to ICU Training – 545 room.

**C. Clarification:** Changed DCW pipe size to 2" in Corridor 500C.

**D. Clarification:** Added balancing valves to RHW lines.

4.28 Reference: P3.0 - ENLARGED PLUMBING PLANS

**A. Clarification:** Added balancing valves to RHW lines.

4.29 Reference: P4.1 - PLUMBING RISERS

A. Clarification: Revised Riser with the deletion of (1) P-4 fixture in the ICU Training Room -

545 area.

4.30 Reference: P5.0 - PLUMBING DETAILS

**A. Clarification:** Added MG-2 to Medical Gas Outlet/Valve Schedule.

**B. Clarification:** Revised Medical Air Compressor Detail to indicate Type L copper piping to

be used.

**Mechanical Drawings** 

4.31 Reference: M1.2I - FIFTH FLOOR – AIR DISTRIBUTION – NEW WORK – PHASE 9

**A. Clarification:** Deleted VAV-04 / 543.

**B. Clarification:** Adjusted airflows for VAV-04/545 and resized ductwork, supply diffusers

and return grille for ICU Training Room - 545

**C. Clarification:** Added supply air to EIDF – 500D1.

4.32 M2.2A - FIFTH FLOOR - HYDRONICS - DEMOLITION - PHASE 1 Reference: A. Clarification: Revised Floor Plan name to reference phase 2. The removal and installation of building heating hot water pumps shall occur simultaneously. The building is not to be without heating hot water besides an outage to replace the pumps. 4.33 M2.2A - FIFTH FLOOR - HYDRONICS - DEMOLITION - PHASE 1 Reference: A. Clarification: Added tag note MD47 to floor plan. 4.34 Reference: M2.2I - FIFTH FLOOR - HYDRONICS - NEW WORK - PHASE 9 A. Clarification: Deleted VAV-04 / 543. 4.35 Reference: M5.1 - MECHNICAL PIPING SCHEMATICS A. Clarification: Removed PRV-4 from replacement scope. **B.** Clarification: Revised Penthouse Steam Piping Schematic to match Basement PRV Replacement Piping Schematic. 4.36 Reference: M6.0 - MECHANICAL SCHEDULES A. Clarification: Added Remark to notify mechanical contractor to field install the separately shipped chilled water Cooney Coils for AHU-1 & AHU-2 including infill material around coils. The coils will be delivered after the arrival of AHUs. Contractor shall be responsible for scheduling the AHU install including the Cooney coils to limit the amount of time the temporary unit will be operation for AHU-1 installation. **AV Drawings** 4.37 Reference: **AV-100 AV LEGEND** A. Clarification: Edited model number **B.** Clarification: Edited nurse call device description - patient station 4.38 Reference: **AV-101 AV FIFTH FLOOR PLAN** A. Clarification: Added displays in Student Success Center 501

height rack in EIDF 500D1

Relocate displays and devices to accommodate new ICU Training Room

Add patient call device in Standardized Patient Exam 505 and Debrief 509

Remove half height racks from Office 507B and 541B and place new full

**B.** Clarification:

C. Clarification:

D. Clarification:

545

**E. Clarification:** Move Control Station and Input Plate to teacher desk in Skills Lab 1 507

and Skills Lab 2 541

**F. Clarification:** Added half height rack at Instructor desk in Skills Lab 1 507 and Skills Lab 2

541

**G. Clarification:** Added low voltage screen controllers as a backup.

**ESS Drawings** 

4.39 Reference: ESS-101 ESS SMS FIFTH FLOOR PLAN

A. Clarification: Added location of access control cabinets in EIDF 500-D1, added keynote

\$16 updating ESS cabinet location.

4.40 Reference: ESS-102 ESS VMS FIFTH FLOOR PLAN

**A. Clarification:** Added updated information to keynote S8.

4.41 Reference: ESS-103 ESS DETAILS

A. Clarification: Added typical access control detail.

**Electrical Drawings** 

4.42 Reference: E0.0 - ELECTRICAL LEGEND

**A. Clarification:** Added clarification for ceiling mounted data drop.

4.05 Reference: E1.3 – PENTHOUSE – ELECTRICAL – DEMOLITION

A. Clarification: Edited sheet title

4.06 Reference: E2.0A – BASEMENT – POWER/SYSTEMS DEMOLITION – PHASE 1

**A. Clarification:** Edited sheet title, added clarification for FACP location

4.07 Reference: E2.0I – BASEMENT – POWER/SYSTEMS NEW WORK PHASE 2

**A. Clarification:** Added location of electrical feeders going through floor to 1st floor.

4.43 Reference: E2.2A – FIFTH FLOOR – POWER/SYSTEMS – DEMOLITION

**A. Clarification:** Clarified circuit demolition for existing unit heater in stair.

**B. Clarification:** Added demolition of existing fire alarm pull stations at stairs.

4.44 Reference: E2.2B – FIFTH FLOOR – POWER – NEW WORK

**A. Clarification:** Edited information in telecommunications room

**B.** Clarification: Created enlarged plan for new ICU room layout C. Clarification: Noted lighting control panel location/power. D. Clarification: Edited poke thru P1 to add additional 1 1/4" conduit in addition to power circuit for technology connections. **E. Clarification:** Edited power for new EIDF layout. F. Clarification: Added additional coordination notes for monitor locations. G. Clarification: Removed AV rack locations in control offices, moved to EIDF. H. Clarification: Edited power layout in conference room. Reference: E2.3A - PENTHOUSE - ELECTRICAL - DEMOLITION PHASE 1 A. Clarification: Edited demolition of disconnect. E2.3B - PENTHOUSE - ELECTRICAL/SYSTEMS - TEMPORARY - NEW WORK Reference: PHASE 2 A. Clarification: Edited sheet title. E2.3D - PENTHOUSE - ELECTRICAL/SYSTEMS - NEW WORK PHASE 4 **Reference:** A. Clarification: Added clarification of data drop at building control panel. E2.3E - PENTHOUSE - POWER/SYSTEMS - DEMOLITION PHASE 5 **Reference:** A. Clarification: Edited demolition of existing devices. Reference: E2.3H – PENTHOUSE – ELECTRICAL/SYSTEMS – NEW WORK PHASE 8 Added clarification of data drop at building control panel. A. Clarification: **B.** Clarification: Edited sheet title. E2.3I - LOWER ROOF - ELECTRICAL/SYSTEMS - NEW WORK PHASE 9 **Reference:** A. Clarification: Added clarification of motor rated switches Reference: E3.2- FIFTH FLOOR - LIGHTING - NEW WORK PHASE A. Clarification: Added clarification of lighting circuits, edited relays and circuiting. **B.** Clarification: Added note for lighting control panel.

4.52 Reference: E4.0 MULTI-FLOOR ELECTRICAL PLAN

C. Clarification:

D. Clarification:

4.45

4.46

4.47

4.48

4.49

4.50

4.51

Added note all occupancy sensors shall have auxiliary relay contacts.

Edited lighting general notes.

**A. Clarification:** Added sheet to clarify conduit path from basement to the 5<sup>th</sup> floor for the

new emergency panel feeder and notes for demolition and reinstall of

fixtures as needed along the path.

4.53 Reference: E6.0 ELECTRICAL ONE-LINE DIAGRAM – DEMOLITION

**A. Clarification:** Edited demolition of emergency panel feeder.

**B. Clarification:** Edited descriptions of mechanical equipment VFD's.

4.54 Reference: E6.1 ELECTRICAL ONE-LINE DIAGRAM – NEW WORK

A. Clarification: Edited feeder information for emergency panel to include 2-hour fire rated

cabling to meet NEC requirements.

**B. Clarification:** Added spare and spaces to distribution panel.

**C. Clarification:** Added MCB notations to branch panels LP1, RP1, RP2, RP3.

4.55 Reference: E7.0 ELECTRICAL PANEL SCHEDULES

**A. Clarification:** Edited circuit information in all panels.

4.56 Reference: E8.0 ELECTRICAL DETAILS

**A. Clarification:** Added detail for wall device mounting heights and coordination.

4.57 Reference: E8.1 LIGHTING CONTROL DIAGRAMS

**A. Clarification:** Added sheet for lighting control diagrams.

4.58 Reference: E8.2 LIGHTING CONTROL DIAGRAMS

**A. Clarification:** Added sheet for lighting control diagrams.

4.59 Reference: E5.2 – FIFTH FLOOR – SYSTEMS – NEW WORK

**A. Clarification:** Added clarification of smoke detectors in elevator shaft.

**B. Clarification:** Added data drop at lighting control panel location.

C. Clarification: Edited data layouts at headwalls in skills labs.

**D. Clarification:** Added data at teacher location in skills labs.

**E. Clarification:** Added clarification on projector location data at ceiling.

4.60 Reference: E6.2 COMMUNICATIONS RISER

**A. Clarification:** Added clarification on UPS shown at racks.

Items: 60

Items Attached:

62

UKY2205 MDS Bid QA Chart

Attached Key Plan Document Set

Specification Section 08 71 00 - Door Hardware

Specification Section 09 77 53 - Decorative Laminate Wood Panel System

A0.1 Project Information

A2.1 Composite Fifth Floor Demolition Plan

A4.1 Composite Fifth Floor Plan

A4.1.A Enlarged Fifth Floor Plan - Area 'A'

A4.1.B Enlarged Fifth Floor Plan - Area 'B'

A4.1.D Enlarged Fifth Floor Plan - Area 'D'

A4.1.E Enlarged Fifth Floor Plan - Area 'E'

A4.3 Enlarged Plan Details

A4.5 Enlarged Plan Details

A5.1.A Enlarged Fifth Floor Ceiling Plan

A5.3 Ceiling Details

A9.1 Interior Elevation

A9.2 Interior Elevation

A9.3 Interior Elevation

A10.1 Door Schedule

ID1.1 Composite Fifth Floor Finish Plan

ID1.1.A Enlarged Fifth Floor Finish Plan

F1.2 Fifth Floor - Fire Protection - Demolition

F2.2 Fifth Floor - Fire Protection - New Work

P1.12 Fourth Floor - Plumbing - Demolition

P2.1 Fourth Floor – Plumbing – New Work

P2.2 fifth Floor – Plumbing – New Work

P3.0 Enlarged Plumbing Plans

P4.1 Plumbing Risers

P5.0 Plumbing Details

M1.21 Fifth Floor - Air Distribution - New Work - Phase 9

M2.0B Basement - Hydronics - New Work - Phase 2

M2.2A Fifth Floor - Hydronics - Demolition - Phase 1

M2.21 Fifth Floor - Hydronics - New Work - Phase 9

M5.1 Mechanical Piping Schematics

M6.0 Mechanical Schedules

AV-100 AV Legend

AV-101 AV Fifth Floor Plan

ESS-101 ESS SMS Fifth Floor Plan

ESS-102 ESS VMS Fifth Floor Plan

ESS-103 ESS Details

E0.0 Electrical Legend

E1.3 Penthouse – Electrical - Demolition

E2.0A Basement - Power/Systems Demolition - Phase 1

E2.01 Basement – Power/Systems New Work – Phase 2

- E2.2A Fifth Floor Power/Systems Demolition
- E2.2B Fifth Floor Power New Work
- E2.3A Penthouse Electrical Demolition Phase 1
- E2.3B Penthouse Electrical/Systems Temporary New Work Phase 2
- E2.3D Penthouse Electrical/Systems New Work Phase 4
- E2.3E Penthouse Electrical/Systems Demolition Phase 5
- E2.3H Penthouse Electrical /Systems New Work Phase 8
- E2.31 Lower Roof Electrical/Systems New Work Phase 9
- E3.2 Fifth Floor Lighting New Work Phase
- E4.0 Multi-Floor Electrical Plan
- E5.2 Fifth Floor Systems New Work
- E6.0 Electrical One-Line Diagram Demolition
- E6.1 Electrical One-Line Diagram New Work
- **E6.2 Communications Riser**
- E7.0 Electrical Panel Schedules
- E8.0 Electrical Details
- E8.1 Lighting Control Diagrams
- E8.2 Lighting Control Diagrams

### 09 August 2023

If you have any questions or comments regarding this information, please do not hesitate to contact our office at your convenience.

Thank you,

Jared Altobello Project Architect

Stengel Hill Architecture

Copy: JSA/sea

## UK #2590.1 / CCK-2738-24 / UKY2205 - MDS Building - 5th Floor Renovation BIDDER QUESTIONS / ANSWERS

#### Bid Addendum 03 8/9/2023

Question Date	Vendor/Contact	Question #	Question	Responder	Response
7/26/2023	CIH/Mike	Laminate Pane	01 on Drawing A9.2 the wall that the lead end of the Operable Partition seals to has a Compact of 1097753.A06), on Drawing A9.5 detail 6 and 08 show this panel is offset from the drywall. low the Operable Partition to seal correctly.	SHA	The compact laminate panels will stop short/provide opportunity for closure at the operable partition to allow it to acoustically seal.
		26/2.04/B/z "( ID1.1.B note 2 BE SUBMITTEI price from \$40 Drawings ID1.	4.1.B per 098433.01 the Operable Panels are Fabric Covered. Per the Specification 10 22 Color/Pattern: Refer to Interior Design Drawings for specific selection of fabric", on Drawing 0 it says "SLIDING DIVIDER WALL-SEE ARCH SPECS. DOOR COVERING TO BE XOREL COLORS TO D TO THE ARCHITECT FOR SELECTION". There are many XORELL wall fabrics and they vary in D/Inyd up to \$95/Inyd and a couple higher than that. The Fractal Embos PWC1 Specified on 1 is \$56/Inyd. Could you either give us a specific spec for the wall covering for the Operable us a dollar figure we could use to price this material?	SHA ID	The 10 pattern families included in the Modernfold covering program are Ashford, Dover, Galway, Linen, Meteor, Mojave Matte, Strie, Tangle, and Twine. Use these patterns as a guide for what will be selected during CA Process.
		•	ation 102226 2.02/H Hardware you call for Panic Hardware without locking lever handle, d e calls for passage set/ Lock Key Operated Lock Cylinder,Operable both side. What is	SHA	Section 102226 refers to the operable partition. Section 2.02/H refers to hardware for the panel. For the door within the partition, provide panic hardware with lockable lever handle. See 087100-3.6 Hardware Set 07 for additional hardware requirements.
8/1/2023	Vincent/Schiller		e clarify if door marks 543-1 and 543-2 are to be within the scope of this project? They are oor hardware index but not reflected on the plans or door schedule.	SHA	Per the Architectural Drawings and Addendum 03, these doors have been removed. Additionally 545-2 has been removed.
		5. Can you pleas	e confirm that door mark 501 is a Complete glass door?	SHA	Confirmed - Complete glass doors to be provided for 501 (FG2 as indicated in Opening Schedule on A10.1)
		6. door 528A doo hardware set	es not have a listed Hardware set on the provided door schedule, can you please clarify what t belongs to?	SHA	Door 528A has been updated to receive hardware set 06. This will be reflected in the Door Schedule on A10.1
8/2/2023	Rick/H&R Mech	7. Drawing P2.2,	shows 1 1/2 " CW to restrooms, drawing shows 2" please advise correct size.	CMTA	It should be 2" in lieu of 1-1/2". Refer to addendum 03 revised drawings.
,, ,		8. Drawing P2.2,	No CW to Restroom 530 and 536, Please advise	СМТА	There is a 2" CW line rise up through the building in the plumbing chase between restrooms 520 and 536.
		9. Are balancing	valves required on HW returns, Please advise	CMTA	Yes, refer to addend 03 for DHR balancing valve locations.
		10. Drawing P2.2,	note 23, is this required, Please advise.	CMTA	Yes, this is for the P-10 fixture located in Janitor Closet 528.
		11. Drawing P5.0, which is corre	Detail 7, says all CA piping to be type K, specification 201300-7.M, says type L, Please advise ct	CMTA	Type L is required.
		12. Drawing M5.1	, shows PRV-4 as new, nothing shown on the schedule, does it get replaced, Please advise.	CMTA	PRV-4 is not to be replaced. Only PRV 2,3 & 5.
		other shows re	. shows (2) details for the replacement of PRV-2, one shows only valve, unions and gauge, the eplacing PRV, valves, PG, unions, strainer and piping to vertical runs, please advise which is to f later is used what type of fittings are required at the base of the risers, tee or 90, Please	CMTA	Replace only PRV-2. Refer to addendum 03 revised drawing.
		shown on the	A has a tag note MD47 requiring some preconstruction readings however that tag note is not drawing anywhere is this required and location, Please advise	CMTA	Refer to adden 03 revised drawing.
	Mike/Messer	-	on Sheet Vinyl Paradigm II and Reveal come 6', 9', and 12' widths, do you know if there is a Iso do you know if they are requiring heat welded seams, or if the chemical weld are	SHA ID	Utilize largest roll widths to minimize Seams. Heat Welded seams required.

16. Article 29.1 of the Special Conditions indicates that "General Contractor's responsibility to receive and off load the Pre-Ordered Material." This is conflict with other contract documents such as Keynote FURN.A01 on sheet A4.1.A which indicates that furniture is N.I.C. Please confirm that General Contractor is NOT to receive and unload furniture and that all work associated with furniture is N.I.C.	UK	It is confimred that the General Contractor in NOT to receive and unload furniture and all work associated with furniture indicated as N.I.C.
17. Please advise if the existing 5th floor fire protection sprinkler system must remain wet and active during construction until new fire protection sprinkler system is in place. Also, if the fire protection sprinkler system must remain active during construction, please advise if the existing heads must be turned up to deck after existing ceilings are removed.	СМТА	No, floor shall be covered by heat detectors. The 5th sprinkler system shall be isolated at the stand pipe and heat detectors shall be installed.
<ul> <li>18. Please advise if any fire alarm systems such as heat detectors on the 5th floor must remain in place during construction.</li> <li>19. Note 11 on Architecture Drawings indicates "Add concrete topping as required to level out floor where walls have been demolished and / or floor is uneven." Please confirm that the work associated with Note 11 is</li> </ul>	CMTA	Yes, heat detectors shall be included during construction of the 5th floor.  Note 11 on the is not part of the \$50,000 Finish Floor Prep Allowance.
part of the \$50,000 Finish Floor Prep allowance.		Refer to specification requirements for specific finish floor installation - in general, a smooth, level substrate
	SHA	is required for flooring materials.  The Allowance is in reference to any floor penetrations that are required to be filled that were not visible on site prior to Construction commences.
20. Keynote description is missing for 123200.E07?	SHA	Keynote revised to be 101133.A01 Porcelain enamel markerboards. Provide two boards per location where specified.
21. What is EQ-CCC and is the work in the contract?	SHA	EQ-CCC tag revised to keynote FURN.A01 Furniture N.I.C., provided by furniture vendor.
22. There appears to possibly be a typo between keynotes 102600A.4 and 102600A.04. Please clarify.	SHA	Keynote 102600A.4 revised to 102600A.04 Sheet wall protection.
<ul><li>23. What is EQ-N and is the work in the contract?</li><li>24. Keynote description is missing for 123200.E08?</li></ul>	SHA	EQ-N tag revised to PANIC, Panic button. Keynote revised to be 101133.A01 Porcelain enamel
	SHA	markerboards. Provide two boards per location where specified.
25. Can the temporary AHU be an exterior unit located on the 5th floor roof?	CMTA	No, since there is chilled water in the unit having it outside would put the unit at risk of freeze coils/pipes.
26. What is the scheduled delivery date of AHUs?	UK	Thermal Equipment has indicated AHUs will take 10 weeks from date of order. CMTA reviewing submittal at this time. Cooney coils will take 20-24 weeks.
27. Please clarify what is included in the \$275,000 AV allowance and what is included in base bid. Does the AV Package Allowance include the equipment listed in AV Equipment Schedule on drawing AV-100? Are we to only include rough-in and cabling in base bid?	CMTA	The \$275,000 allowance will be removed from the bidding requirements in Addendum 03.
		All required AV has been identified within the Contract Documents.
28. Please confirm that BIM Coordination Drawings are required.	SHA CMTA	Yes, BIM coordination is required on this project for both the 5th floor and penthouse mechanical room.
29. What is budget?	UK	For bonding purposes the budget is estimated between \$8,000,000 and \$10,000,000. The engineer's estimate will be announced at the bid opening.
30. Please confirm the deck height?	SHA	14'-8" 5th floor to Top of Deck above. $$ Joist / beam depth varies.

Joseph/Tektōn Construction

31. Will we be able to access 4th floor during normal business hours for the 4th floor work?	UK	From bid documents: "Fourth floor shall remain completely operational during construction. All work is to be performed between the house of 9 pm and 8 am. No work on Sundays." Additionally, Contractor to coordinate ALL access to fourth floor with UK project manager.
32. Please confirm if meeting AWI Standards for Casework scope of work will be acceptable in lieu of AWI Certification?	SHA	AWI Certification is required.
33. In regard to the Controls Responsibility Matrix on Drawing IC1.0, will the items indicated as Controls Contractor responsibility be a part of this contract, or will UK contract that separately outside of this scope?	CMTA	Control scope is part of this bid package.
34. There are several references to lead lined shielding on the drawings, but no specific call outs. Please confirm there is no lead lined shield scope?	SHA	No lead-lined sheilding scope in this project. The general note simply indicates the blocking required for an apron rack, should one be indicated in the drawings (which there are none).
35. Section 41.2.3 of the Special Conditions indicates \$100,000,000.00 in Insurance Coverage is required for Excess or Umbrella Liability Insurance. Please confirm this amount is correct?	UK	Revise Special Conditions, Article 41 Insurance, 41.2.3 to read: "Excess or Umbrella Liability Insurance. This policy shall have a minimum of \$1,000,000 combined single limits for bodily injury and property damage for each occurance in excess of the applicable limits in the primary policies."
36. Will BIM Drawings be required? 37.	SHA CMTA	Yes, BIM Coordination Drawings are required. MD31 note reads:
	СМТА	Demolish and remove supply duct to points indicated including all hangers, supports, iinsulation and all other appurtenances. Prepare Duct to Remain for new work.
Drawing M3.3C, note MD31, please provide note.  38. A2.1 shows under Demolition Legend an area for total removal of concrete slab and says refer to structural and Plumbing drawings. Neither shows any demolition or floor openings. Keynote 024119.A16 indicates to remove epoxy flooring. Does the concrete slab at the existing Lab 540 get removed or does only the epoxy get removed?	SHA	At 540, remove epoxy flooring only.
39. Please clarify if ceiling clouds in classrooms #529 and #531 are to be ACT-1 acoustical ceiling tile or AMC01 metal ceiling panels. ID1.1B indicates ACT-1 on finish floor plan. However, key noted #11 to be AMC1 metal ceiling panels at perimeter of ceiling clouds. 10, 11/A5.3 shows ACT1 while 13/A5.3 shows AMC1. If we can squeeze this into the last addendum, it would be greatly appreciated.	SHA	Ceiling Clouds at classrooms are to be ACT-1 with perimeter trim as identified in details 10, 11/A5.3.  Detail 13/A5.3 has been updated to reflect ACT in Addendum 03.

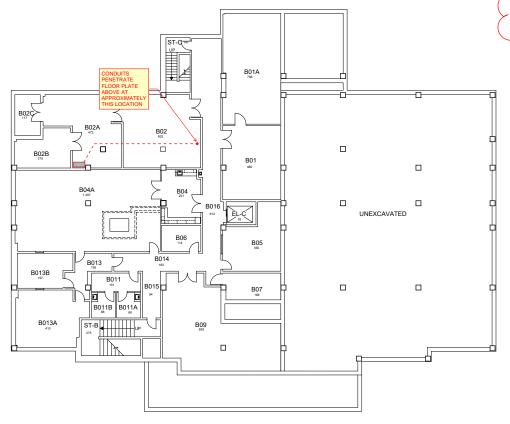
CCK-2738-24 MDS Building - 5th Floor Renovation

CCK-2738-24 MDS Building - 5th Floor Renovation

CCK-2738-24 MDS Building - 5th Floor Renovation

### **GENERAL NOTES**

- 1. REFER TO SHEET A2.1 COMPOSITE DEMOLITION PLAN GENERAL NOTES AS THEY APPLY TO THIS SCOPE.
- 2. THESE DOCUMENTS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO IDENTIFY SCOPE AT THE BASEMENT, FLOORS 1, 2, 3, 4.



**BASEMENT LEVEL MULTI-DISCIPLINARY** SCIENCE BLDG

10,172 Gross Square Ft.

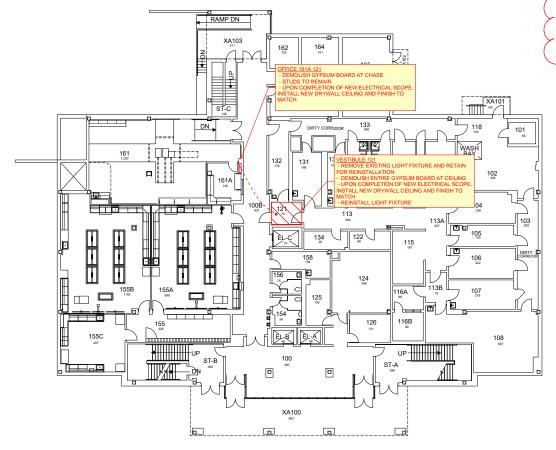




SHEET 2 OF 9

#### **GENERAL NOTES**

- 1. REFER TO SHEET A2.1 COMPOSITE DEMOLITION PLAN GENERAL NOTES AS THEY APPLY TO THIS SCOPE.
- 2. THESE DOCUMENTS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO IDENTIFY SCOPE AT THE BASEMENT, FLOORS 1, 2, 3, 4.



FIRST FLOOR MULTI-DISCIPLINARY SCIENCE BLDG

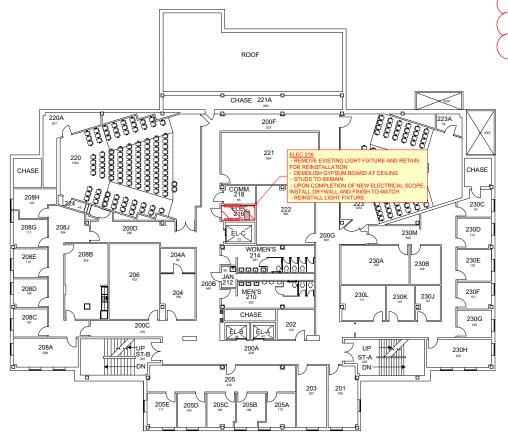
17,473 Gross Square Ft.





### **GENERAL NOTES**

- 1. REFER TO SHEET A2.1 COMPOSITE DEMOLITION PLAN GENERAL NOTES AS THEY APPLY TO THIS SCOPE.
- 2. THESE DOCUMENTS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO IDENTIFY SCOPE AT THE BASEMENT, FLOORS 1, 2, 3, 4.



SECOND FLOOR MULTI-DISCIPLINARY SCIENCE BLDG

15,750 Gross Square Ft.

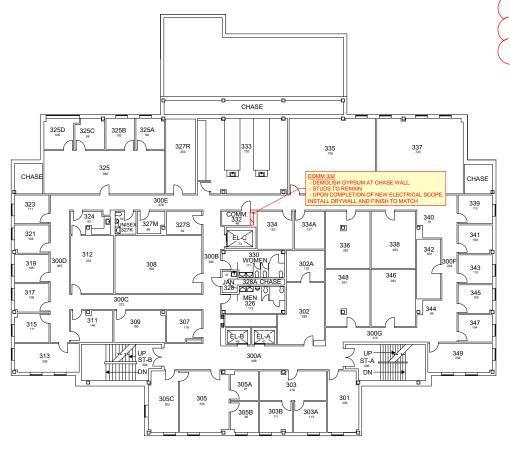




SHEET 4 OF 9

### **GENERAL NOTES**

- 1. REFER TO SHEET A2.1 COMPOSITE DEMOLITION PLAN GENERAL NOTES AS THEY APPLY TO THIS SCOPE.
- 2. THESE DOCUMENTS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO IDENTIFY SCOPE AT THE BASEMENT, FLOORS 1, 2, 3, 4.



THIRD FLOOR MULTI-DISCIPLINARY SCIENCE BLDG

15,750 Gross Square Ft.

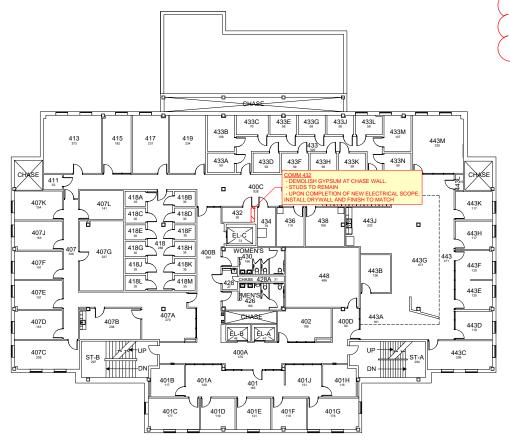




**MULTI-DISCIPLINARY** 

### **GENERAL NOTES**

- 1. REFER TO SHEET A2.1 COMPOSITE DEMOLITION PLAN GENERAL NOTES AS THEY APPLY TO THIS SCOPE.
- 2. THESE DOCUMENTS ARE TO BE CONSIDERED PART OF THE CONTRACT DOCUMENTS AND ARE INTENDED TO IDENTIFY SCOPE AT THE BASEMENT, FLOORS 1, 2, 3, 4.



FOURTH FLOOR MULTI-DISCIPLINARY SCIENCE BLDG

15,750 GROSS SQUARE FT.





#### **SECTION 08 71 00**

#### **DOOR HARDWARE**

### **PART 1 - GENERAL**

#### 1.1 SUMMARY

- A. This Section includes the following:
  - 1. Commercial door hardware for the following swinging doors:
    - a. Hollow metal.
  - 2. Door Hardware Inspections and Fees: See 087100-3.4.
  - 3. Electrified access control door hardware. See Door Hardware Schedule and Door-Set Numbering Index (this Section) for hardware sets prefixed with "E" for required electrical work and materials. See electrical specifications for additional required electrical work and materials.
- B. Codes and References: Comply with the version year adopted by the Authority Having Jurisdiction.
  - 1. ANSI A117.1 Accessible and Usable Buildings and Facilities.
  - 2. ICC/IBC International Building Code.
  - 3. NFPA 70 National Electrical Code.
  - 4. NFPA 80 Fire Doors and Other Opening Protectives.
  - 5. NFPA 101 Life Safety Code.
  - 6. NFPA 105 Smoke and Draft Control Door Assemblies.
  - 7. APPLICABLE STATE BUILDING CODE.
  - 8. UL 10C Fire Tests of Door Assemblies
  - 9. UL 305 Panic Hardware

#### 1.2 SUBMITTALS

- A. Number of Submittals: All items listed in this section are to be included in one submittal prepared by one Supplier.
- B. Product Data: Include construction and installation details, material descriptions, dimensions of individual components and profiles, and finishes.
- C. Shop Drawings: Details of electrified door hardware, indicating the following:
  - 1. Factory-drawn Wiring Diagrams: Hardware submittals without these diagrams will be rejected without review. Power, signal, and control wiring. Include the following:
    - a. All diagrams labeled with door numbers and hardware sets.
    - b. Point-to-point wiring diagram identifying specific termination points for all electrified hardware items.
    - c. Riser diagrams indicating required electrical junction boxes and mounting boxes, conduit paths with number of conductors and wire gauges required.
    - d. Elevation of each door indicating where items are located with respect to which side of opening, dimension above floor, and lateral and vertical distances from opening.
    - e. System function description for each electrified opening.

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### D. Qualification Data:

- 1. Finish Hardware Installers: Company specializing in the installation of commercial door hardware with minimum of five years documented experience in commercial hardware installation.
- 2. Hardware Supplier
  - a. Established contract hardware firm which maintains and operates an office, display, and stock in project area and which is a factory authorized distributor of the lock being furnished.
  - b. Hardware detailed, scheduled and furnished by or under direct supervision an Architectural Hardware Consultant.
  - c. All schedules submitted to the Architect for approval and job use must carry the signature and certified seal of this Architectural Hardware Consultant.
- 3. Architectural Hardware Consultant
  - a. Currently certified by the Door and Hardware Institute.
  - b. Full-time employee of the Hardware Supplier or an individual having no contractual ties to any supplier/manufacturer entity.
  - Available at reasonable times to Architect, Owner, and Contractor during course of work.
- E. Maintenance Data Submittal: For each type of door hardware. Include final hardware schedule, keying schedule, product data sheets for each item, manufacturers' published warranties, riser diagrams, and point-to-point wiring diagrams.
- F. Warranty: Special warranty specified in this Section.
- G. Other Action Submittals:
  - 1. Door Hardware Sets: Prepared by or under the supervision of a DHI certified Architectural Hardware Consultant, detailing fabrication and assembly of door hardware, as well as procedures and diagrams. Coordinate the final door hardware sets with doors, frames, and related work to ensure proper size, thickness, hand, function, and finish of door hardware.
    - a. Format: Comply with scheduling sequence and vertical format in DHI's "Sequence and Format for the Hardware Schedule"; other formats will be rejected without review. Double space entries, and number and date each page.
    - b. Provide index sorted by door number linking door numbers to hardware set numbers and hardware heading numbers.
    - c. Numerical Sequence of Sets and Headings: Submittal headings shall be in exact order as hardware sets in specification: one heading only per set. Submittal set numbers shall relate to specification set numbers, ie. if three headings are required for Set 12 due to door width differences, then the heading numbers should be 12.1, 12.2, and 12.3 or employing similar linking logic.
    - d. Door Numbers: Identical to those used in the contract documents.
    - e. Number of Copies: (5).
    - f. Content: Include the following information:
      - 1) Identification number, location, hand, fire rating, and material of each door and frame
      - 2) Type, style, function, size, quantity, and finish of each door hardware item.
      - 3) Complete designations of every item required for each door or opening including name and manufacturer.

087100-2 Door Hardware

- 4) Degree of opening for closer and overhead stop and holder installation.
- 5) Keying information.
- 6) Fastenings and other pertinent information.
- Location of each door hardware set, cross-referenced to Drawings, both on floor plans and in door and frame schedule.
- 8) Explanation of abbreviations, symbols, and codes contained in schedule.
- 9) Mounting locations for door hardware.
- 10) Notes included with specification hardware sets <u>transcribed verbatim</u> into submittal hardware sets and headings.
- 11) Door and frame sizes and materials.
- 12) Items referenced but not furnished.
- 13) System function description for each hardware set with electrified hardware.
- 14) List of related door devices specified in other Sections for each door and frame.
- g. Submittal Sequence: Submit the final door hardware sets at earliest possible date, particularly where approval of the door hardware sets must precede fabrication of other work that is critical in Project construction schedule. Include Product Data, Samples, Shop Drawings of other work affected by door hardware, and other information essential to the coordinated review of the door hardware sets.
- 2. Keying Schedule: Prepared by or under the supervision of Architectural Hardware Consultant, detailing Owner's final keying instructions for locks. Include schematic keying diagram and index each key set to unique door designations.

### 1.3 QUALITY ASSURANCE

- A. Furnish proper hardware types and quantities for proper door function, hardware mounting and clearances, aesthetics, and to meet applicable codes. Bring discrepancies to the attention of the Architect a minimum of (10) days prior to bid date so that an addendum may be issued and costs included in the bid. No additional compensation will be allowed after bidding for hardware changes required for proper function, hardware mounting or clearances, aesthetics or to meet codes. The specification is not a detail from which products should be ordered; detailing the project is the responsibility of the Contract Hardware Supplier.
- B. Engineering Responsibility: Preparation of data for electrified door hardware, including Shop Drawings, based on testing and engineering analysis of manufacturer's standard units in assemblies similar to those indicated for this Project.
- C. Source Limitations: All items listed in hardware sets are to be furnished by one supplier. Obtain each type and variety of door hardware from a single manufacturer, unless otherwise indicated.
  - Provide electrified door hardware from same manufacturer as mechanical door hardware, unless otherwise indicated. Manufacturers that perform electrical modifications and that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction are acceptable.
- D. Regulatory Requirements: Comply with NFPA 70, NFPA 80, NFPA 101 and ANSI A117.1 requirements and guidelines as directed in the model building code including, but not limited to, the following:
  - 1. NFPA 70 "National Electrical Code", including electrical components, devices, and accessories listed and labeled as defined in Article 100 by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

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- 2. Where indicated to comply with accessibility requirements, comply with Americans with Disabilities Act (ADA), "Accessibility Guidelines for Buildings and Facilities (ADAAG)," ANSI A117.1 as follows:
  - a. Handles, Pulls, Latches, Locks, and other Operating Devices: Shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist.
  - b. Door Closers: Comply with the following maximum opening-force requirements indicated:
    - 1) Interior Hinged Doors: 5 lbf applied perpendicular to door.
    - 2) Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
  - c. Thresholds: Not more than 1/2 inch high. Bevel raised thresholds with a slope of not more than 1:2.
- 3. NFPA 101: Comply with the following for means of egress doors:
  - a. Latches, Locks, and Exit Devices: Not more than 15 lbf to release the latch. Locks shall not require the use of a key, tool, or special knowledge for operation.
  - b. Thresholds: Not more than 1/2 inch high.
- 4. Fire-Rated Door Assemblies: Provide door hardware for assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 (neutral pressure at 40" above sill) or UL-10C.
  - a. Test Pressure: Positive pressure labeling.
- E. Electrified Door Hardware: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
- F. Keying Conference: Conduct conference with Hardware Supplier's AHC, UK Keyshop Supervisor, Contractor, and Architect to comply with requirements in Division 01 Section "Project Meetings." Keying conference to incorporate the following criteria into the final keying schedule document:
  - 1. Function of building, purpose of each area and degree of security required.
  - 2. Plans for existing and future key system expansion.
  - 3. Requirements for key control storage and software.
  - 4. Installation of permanent keys, cylinder cores and software.
  - 5. Address and requirements for delivery of keys.
- G. Preinstallation Conference: Conduct conference at Project site to comply with requirements in Division 01 Section "Project Management and Coordination." In addition to Owner, Contractor, and Architect, conference participants shall also include Certified Installer, Hardware Supplier's Architectural Hardware Consultant, and Security Supplier. Review methods and procedures related to electrified door hardware including, but not limited to, the following:
  - 1. Coordinate electrical roughing-in and other preparatory work to be performed by other trades.
  - 2. Review sequence of operation for each type of electrified door hardware.
  - 3. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
  - 4. Review required testing, inspecting, and certifying procedures.

## 1.4 DELIVERY, STORAGE, AND HANDLING

A. Inventory door hardware on receipt and provide secure lock-up for door hardware delivered to Project site.

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- B. Tag each item or package separately with identification related to the final door hardware sets, and include basic installation instructions, templates, and necessary fasteners with each item or package.
- C. Deliver keys to Owner by registered mail or overnight package service. Obtain Owner's contact name and address from Architect.

### 1.5 COORDINATION

- A. Templates: Distribute door hardware templates for doors, frames, and other work specified to be factory prepared for installing door hardware. Distribute templates in a timely manner so as not to delay suppliers. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- B. Electrical System Roughing-in: Coordinate layout and installation of electrified door hardware with connections to power supplies, fire alarm system and detection devices, access control system, and security system.

### 1.6 WARRANTY

- A. General Warranty: Reference Division 01, General Requirements. Special warranties specified in this Article shall not deprive Owner of other rights Owner may have under other provisions of the Contract Documents and shall be in addition to, and run concurrent with, other warranties made by Contractor under requirements of the Contract Documents.
- B. Warranty Period: Written warranty, executed by manufacturer(s), agreeing to repair or replace components of standard and electrified door hardware that fails in materials or workmanship within specified warranty period after final acceptance by the Owner. Failures include, but are not limited to, the following:
  - 1. Structural failures including excessive deflection, cracking, or breakage.
  - 2. Faulty operation of the hardware.
  - 3. Deterioration of metals, metal finishes, and other materials beyond normal weathering.
  - 4. Electrical component defects and failures within the systems operation.
- C. Standard Warranty Period: Two years from date of Substantial Completion, unless otherwise indicated.

### D. Special Warranty Periods:

- 1. Ten years for mortise locks and latches.
- 2. Five years for panic/exit hardware.
- 3. Twenty years for manual door closers.
- 4. Five years for motorized electric latch retraction exit devices.

### 1.7 MAINTENANCE SERVICE

A. Maintenance Tools and Instructions: Furnish a complete set of specialized tools and maintenance instructions as needed for Owner's continued adjustment, maintenance, and removal and replacement of door hardware.

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B. Maintenance Service: Beginning at Substantial Completion, provide (6) months' full maintenance by skilled employees of door hardware Installer. Include quarterly preventive maintenance, repair or replacement of worn or defective components, lubrication, cleaning, and adjusting as required for proper door hardware operation. Provide parts and supplies same as those used in the manufacture and installation of original products.

### **PART 2 - PRODUCTS**

#### 2.1 SCHEDULED DOOR HARDWARE

- A. General: Provide door hardware for each door to comply with requirements in this and door hardware sets indicated in Part 3 "Door Hardware Sets" Article.
  - 1. Door Hardware Sets: Provide quantity, item, size, finish or color indicated, and named manufacturers' products.
- B. Designations: Requirements for design, grade, function, material, finish, size and other distinctive qualities of each type of door hardware are indicated in Part 3 "Door Hardware Schedule" Article. Products listed by model number establish a basis of design for that product genre. Other products manufactured by available manufacturers listed in other Part 2 articles may be provided as long as they are equal in all aspects to the basis of design product listed for that particular product genre.
  - 1. Named Manufacturers' Products: Manufacturer and product designation are listed for each door hardware type required for the purpose of establishing minimum requirements. Manufacturers' names are abbreviated in Part 3 "Door Hardware Schedule" Article.
  - 2. References to BHMA Standards: In addition to other requirements in this section, provide products complying with or exceeding these standards and requirements for description, quality, and function.
- C. Substitutions: Requests for substitution and product approval for inclusive mechanical and electrified access control door hardware, in compliance with specifications, must be submitted in writing prior to the bid date and in accordance with the procedures and time frames outlined in Division 01 "Substitution Procedures". Approval of requests is at the discretion of the architect, owner, and their designated consultants.

### 2.2 BUTT HINGES, GENERAL

- A. Quantity: Provide the following, unless otherwise indicated:
  - 1. Two Hinges: For doors with heights up to 60 inches (1524 mm).
  - 2. Three Hinges: For doors with heights 61 to 90 inches (1549 to 2286 mm).
  - 3. Four Hinges: For doors with heights 91 to 120 inches (2311 to 3048 mm).
  - 4. For doors with heights more than 120 inches (3048 mm), provide 4 hinges, plus 1 hinge for every 30 inches (750 mm) of door height greater than 120 inches (3048 mm).
- B. Template Requirements: Except for hinges and pivots to be installed entirely (both leaves) into wood doors and frames, provide only template-produced units.
- C. Hinge Height, Width, and Weight: Unless otherwise indicated, provide the following:

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- 1. Doors with panic/exit devices or 3'6" or more in width: 5" high, heavy-weight hinges.
- 2. Doors less than 3'6" in width: 4-1/2" high, standard-weight hinges.
- 3. Width: 4-1/2" heavy-weight, 4" standard-weight, unless proper clearance requires a different width.
- 4. Doors with Closers: Ball-bearing hinges.
- D. Hinge Base Metal: Unless otherwise indicated, provide the following:
  - 1. Exterior and in-swinging restroom door hinges: Stainless steel, with stainless-steel pin.
  - 2. Balance of hinges: Steel, with steel pin.
- E. Hinge Options: Provide the following:
  - 1. Nonremovable Pins: Provide set screw in hinge barrel that, when tightened into a groove in hinge pin, prevents removal of pin while door is closed; for reverse bevel lockable doors.
  - 2. Corners: Square.
  - 3. Number of knuckles: Five.
- F. Fasteners: Comply with the following:
  - 1. Machine Screws: For metal doors and frames. Install into drilled and tapped holes.
  - 2. Wood Screws: For wood doors and frames.
  - 3. Threaded-to-the-Head Wood Screws: For fire-rated wood doors.
  - 4. Screws: Phillips flat-head. Finish screw heads to match surface of hinges.
- G. Template Hinge Dimensions: BHMA A156.7.
- H. Available Manufacturers:
  - 1. Hager Companies (HAG).
  - 2. Ives (IVE)
  - 3. McKinney Products Company; an ASSA ABLOY Group company (MCK).
  - 4. Stanley; Div. of DormaKaba (STA).
  - 5. PBB, Inc. (PBB)

## 2.3 CONTINUOUS HINGES

- A. Provide hinge of general series as indicated in hardware sets and of proper shape and model to suit door and frame configuration.
- B. Continuous, Pinless-Type Hinges: Extruded-aluminum, pinless, hinge leaves; with concealed, self-lubricating thrust bearings.
  - 1. Available Manufacturers:
    - a. Architectural Builders Hardware (ABH).
    - b. Hager Companies (HAG).
    - c. IVES Hardware; an Allegion Company (IVE).
    - d. McKinney Products Company; an ASSA ABLOY Group company (MCK).
    - e. National Guard Products (NGP).
    - f. Pemko Manufacturing Co. (PEM).
    - g. Select Products Limited (SEL).
    - h. Stanley; Div. of DormaKaba (STA).

i. Zero International (ZRO).

#### 2.4 ELECTRONIC ACCESSORIES

- A. Door Position Switches: Door position magnetic reed contact switches specifically designed for use in commercial door applications. Pop-in models are 3/4" diameter. Mortised models have ANSI frame preps with contact and magnetic housing mortised into the frame and are attached with screws. Surface mounted models are triple-biased, complete with armored flex cabling. All models accommodating up to 1/2" gap and with DPDT contacts.
  - 1. Acceptable Manufacturers:
    - a. Architectural Control Systems, Inc. (ACS).
    - b. George Risk Industries (GRI).
    - c. Interlogix.
    - d. Flair Electronics (FLR).
- B. Electronic Power Transfers:
  - 1. Concealed: For new doors and frames, concealed when door is closed. All metal construction, cast housing with steel backboxes, two universal joints and rigid tubing. Acceptable Manufacturers:
    - a. Security Door Controls (SDC).
    - b. Securitron Door Controls (SEC).
    - c. Architectural Builders Hardware (ABH).
    - d. Hager (HAG).
    - e. Von Duprin (VON).

## 2.5 LOCKS AND LATCHES, GENERAL

- A. Accessibility Requirements: Where indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
  - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).
- B. Latches and Locks for Means of Egress Doors: Comply with NFPA 101. Latches shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.
- C. Electrified Locking Devices: BHMA A156.25. Equal in all characteristics to model specified.
  - 1. Available Manufacturers:
    - a. Best; Div. of DormaKaba (BES).
    - b. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SAR).
    - c. Schlage Commercial Lock Division; an Allegion Company (SCH).
- D. Lock Trim:

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- 1. Levers: Cast.
  - a. Best 14 model with full smooth return.
- 2. Roses: Forged.
  - a. Best H model.
- 3. Lockset Designs: Provide design indicated in hardware sets, or, if sets are provided by another manufacturer, provide designs that match those designated.
- E. Lock Throw: Comply with testing requirements for length of bolts required for labeled fire doors, and as follows:
  - 1. Mortise Locks: Minimum 3/4-inch (19-mm) latchbolt throw.
- F. Backset: 2-3/4 inches (70 mm), unless otherwise indicated.
- G. Strikes: Manufacturer's standard strike with strike box for each latchbolt or lock bolt, with curved lip extended as needed to protect frame, finished to match door hardware set, and as follows:
  - 1. Strikes for Mortise Locks and Latches: BHMA A156.13.

### 2.6 MECHANICAL LOCKS AND LATCHES

- A. Lock Functions: Function numbers and descriptions indicated in door hardware sets comply with the following:
  - 1. Mortise Locks: BHMA A156.13.
- B. Mortise Locks: Stamped steel case with steel or brass parts; BHMA A156.13 Grade 1.
  - 1. Available Manufacturers:
    - a. Best; Div. of DormaKaba (BES).
    - b. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SAR).
    - c. Schlage Commercial Lock Division; an Allegion Company (SCH).
- C. Compatibility with Key Cylinders: fully warranted for use with key cylinder furnished.

## 2.7 EXIT DEVICES

- A. Exit Devices: BHMA A156.3, Grade 1.
- B. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
  - 1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf (22 N).
- C. Exit Devices for Means of Egress Doors: Comply with NFPA 101. Exit devices shall not require more than 15 lbf (67 N) to release the latch. Locks shall not require use of a key, tool, or special knowledge for operation.

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- D. Panic Exit Devices: Listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for panic protection, based on testing according to UL 305.
- E. Fire Exit Devices: Devices complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire and panic protection, based on testing according to UL 305 and NFPA 252.
- F. Outside Trim: As specified in hardware sets; material and finish to match locksets, unless otherwise indicated.
  - 1. Match design for locksets and latchsets, unless otherwise indicated.
- G. Fasteners. Manufacturer's standard, except furnish sex bolts for attachments to doors, unless doors have sufficient hardwood or other blocking to properly secure all required screws.
- H. Shims: Provide shims if needed for clearance.
- I. Available Manufacturers for Rim and Mortise exit devices:
  - 1. Von Duprin; an Allegion Company (VON).
  - 2. Precision.
  - 3. Sargent.

### 2.8 KEY CYLINDER HOUSINGS AND CORES

- A. Cylinders: Provide Yale LFIC cylinder housings for all devices requiring key cylinders to properly function: constructed from brass or bronze, stainless steel, or nickel silver, and complying with the following:
  - 1. Number of Pins: Seven.
  - 2. Mortise Type: Threaded cylinders with rings and straight- or clover-type cam.
  - 3. Rim Type: Cylinders with back plate, flat-type vertical or horizontal tailpiece, and raised trim ring.
- B. Permanent Cores: Provided by UK Keyshop.
- C. Construction Cores: Install LFIC cylinder housings into locking devices. Construction cores and keys are provided by UK Keyshop. Coordinate with UK Keyshop Supervisor for the installation of construction cores, the removal of the construction cores, and the installation of the permanent cores: all by UK Keyshop.
- D. Supplemental Items: Provide cylinder spacers, collars, and correct cams as needed for proper function of locking devices.
- E. Available Manufacturers for Cylinder Housings and Construction Cores:
  - 1. Schlage Commercial Lock Division; an Allegion Company (SCH).
  - 2. Yale Commercial Locks and Hardware; an ASSA ABLOY Group company (YAL).
  - 3. Corbin-Russwin (COR).

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## 2.9 KEYING

A. Keying System: Permanent cores, construction keys, and permanent keys are provided by UK Keyshop.

### 2.10 OPERATING TRIM

- A. Materials: Fabricate from stainless steel, unless otherwise indicated.
- B. Dimensions: All dimensions, shapes, fasteners, and other properties identical to models specified in hardware sets.

## C. Push Plates:

- 1. 0.125" thick, Type 304 solid stainless steel, 4" or 8" wide as indicated by model number in hardware sets, 16" high (unless stile width requires different width), heavy bevel all (4) edges, 3/8" radius rounded corners, factory prepped for key cylinders and thumb-turns as required, countersunk for flush bevel-headed screws.
- 2. Dimensions:
  - a. Top of plate to horizontal centerline of key cylinder: 5".
  - b. Horizontal centerline of key cylinder to horizontal centerline of thumb-turn: as required per dimension of lock model.
  - c. Lock-side edge of plate to vertical centerline of key cylinder: 2".

#### D. Pull Plates:

- 1. Plate: 0.050" thick, 4" wide x 16" high (unless stile width requires different width), bevel all (4) edges, 3/8" radius rounded corners, factory prepped for key cylinders and thumb-turns as required, countersunk for flush bevel-headed screws.
- 2. Grip: 1" wide, 8" CTC, Type 304 solid stainless steel, half-moon profile.
- 3. Dimensions:
  - a. Top of plate to horizontal centerline of key cylinder: 2".
  - b. Horizontal centerline of key cylinder to horizontal centerline of thumb-turn: as required per dimension of lock model.
  - c. Edge of plate to vertical centerline of key cylinder and grip: 2".
  - d. Top of plate to horizontal centerline of grip: 10".

#### E. Available Manufacturers:

- 1. Hager Companies (HAG).
- 2. Hiawatha (HIW).
- 3. Burns (BRN).
- 4. IVES Hardware; an Allegion Company (IVE).
- 5. Rockwood Manufacturing Company (ROC).
- 6. Trimco (TRI).

## 2.11 SURFACE CLOSERS

A. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."

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Door Hardware

- 1. Comply with the following maximum opening-force requirements:
  - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.
  - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
- B. Door Closers for Means of Egress Doors: Comply with NFPA 101. Door closers shall not require more than 30 lbf (133 N) to set door in motion and not more than 15 lbf (67 N) to open door to minimum required width.
- C. Fasteners: Manufacturer's standard for arms, shoes and brackets. Sex bolts for fastening closers to doors, unless doors have sufficient hardwood or other blocking to properly secure all required screws.
- D. Mounting Accessories: Provide shoes, brackets, drop plates, spacers, etc., as needed for proper mounting of closers and arms to door and frame.
- E. Spring Size of Units: Provide field-sizable closers, adjustable for spring sizes 1-6, plus 50% extra spring power at spring size 6, to meet field conditions and requirements for opening force.
- F. Cylinders: 1-1/2" minimum diameter; cast iron or high-silicon alloy aluminum.
- G. Mounting Configuration: Unless otherwise indicated by model number in the hardware sets:
  - 1. Do not furnish closers capable of being mounted on the corridor side of doors.
  - 2. If tri-pack closers are furnished for regular arm applications, remove parallel arm shoe from closer box before delivering to job.
  - 3. Parallel Arm closers are to be manufacturer's double forged rigid models.
- H. Available Manufacturers and Series for Rack and Pinion Surface Closers:
  - 1. LCN Closers; an Allegion Company (LCN): 4040XP series.
  - 2. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SAR): 281 or 351 series.
  - 3. Corbin-Russwin (COR): DC8000 series.

### 2.12 OVERHEAD CONCEALED CLOSERS

- A. Accessibility Requirements: Where handles, pulls, latches, locks, and other operating devices are indicated to comply with accessibility requirements, comply with the U.S. Architectural & Transportation Barriers Compliance Board's "Americans with Disabilities Act (ADA), Accessibility Guidelines for Buildings and Facilities (ADAAG)."
  - 1. Comply with the following maximum opening-force requirements:
    - a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf (22.2 N) applied perpendicular to door.
    - b. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
- B. Door Closers for Means of Egress Doors: Comply with NFPA 101. Door closers shall not require more than 30 lbf (133 N) to set door in motion and not more than 15 lbf (67 N) to open door to minimum required width.
- C. Spring Size of Units: Provide field-sizable closers, adjustable for spring sizes 1-3.
- D. Available Manufacturers and Series:

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1. Norton/Rixson Door Controls; an ASSA ABLOY Group company (RIX): 91 series.

### 2.13 AUTOMATIC DOOR OPERATORS

- A. Standard: Set up operator to comply with Low Energy BHMA A156.19 standard.
- B. Performance Requirements:
  - 1. Not more than 15 lbf (67 N applied)1 inch (25 mm) from latch edge of door to prevent stopped door from opening or closing.
  - 2. If power fails, not more than 30 lbf (133 N applied)1 inch (25 mm) from latch edge of door to manually set door in motion.
  - 3. Warranted for use on out-swinging exterior doors with the use of a supplemental stop.
- C. Operation: Power opening and spring closing; **power closing to get door latched when encountering resistance**. When not in automatic mode, door operator shall function as manual door closer, with or without electrical power.
- D. Operating System: Electromechanical.
- E. Microprocessor Control Unit: Solid-state controls.
- F. Features:
  - 1. Adjustable opening and closing speed.
  - 2. Adjustable opening and closing force.
  - 3. Adjustable backcheck.
  - 4. Adjustable latch speed.
  - 5. Adjustable hold-open time of not less than 0 to 30 seconds.
  - 6. Adjustable time delay.
  - 7. Adjustable acceleration.
  - 8. Obstruction recycle.
  - 9. Provide lock interface relay when not specified as part of locking device power supply.
  - 10. On/Off/HO switch on side, top or bottom of housing, as directed by Owner.
- G. Mounting: Surface mounted to top jamb.
- H. Mounting Accessories: Provide shoes, brackets, drop plates, spacers, etc., as needed for proper mounting of operators and arms to door and frame.
- I. Actuators:
  - 1. Wall Push-Plate Switch: Semiflush, wall-mounted, 36" high, door control switch; of material, size, and shape indicated; weather resistant for exterior applications; mounted in recessed junction box. Provide engraved message as indicated.
  - 2. Material: Stainless steel.
  - 3. Message: International symbol of accessibility and "Push to Open."
  - 4. Available Manufacturers for Actuators:
    - a. Wikk Industries (WIK).
- J. Automatic Door Operator Signage:

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- 1. Comply with BHMA A156.19.
- 2. Consult Architect before applying signage to door.
- K. Available manufacturers for Automatic Door Operators:
  - 1. Besam SW100i series. (BSM).
  - 2. LCN Closers; an Allegion Company (LCN); 4642 series.
  - 3. Stanley Access Technologies (SAT); Magic Access series.

### 2.14 PROTECTIVE TRIM UNITS

- A. Size:
  - 1. Width
    - Singles, and pairs with removable mullions or surface applied astragals: 2 inches (38 mm) less than door width on push side and 1 inch (13 mm) less than door width on pull side
    - b. Other pairs: 1 inch (13 mm) less than door width
  - 2. Height: as specified in door hardware sets; or, if constrained by door bottom rail height, 1" less bottom rail height.
- B. Fasteners: Manufacturer's machine or self-tapping countersunk screws.
- C. Metal Protective Trim Units: BHMA A156.6; beveled 4 sides; fabricated from 0.050-inch- (1.3-mm-) thick stainless steel.
- D. Available Manufacturers:
  - 1. Hager Companies (HAG).
  - 2. IVES Hardware; an Allegion Company (IVE).
  - 3. Hiawatha (HIW).
  - 4. Burns (BRN).
  - 5. Rockwood Manufacturing Company (ROC).
  - 6. Trimco (TRI).

### 2.15 MECHANICAL WALL STOPS AND HOLDERS

- A. Stops and Bumpers: BHMA A156.16, Grade 1.
  - 1. Provide wall stops for doors unless floor, overhead, or other type stops are scheduled or indicated. Do not mount floor stops where they will impede traffic. Provide floor stops (and spacers if needed) of proper height and configuration to accommodate floor condition. Where floor or wall stops are not appropriate, provide overhead holders.
  - 2. Properties. Cast construction with fastener suitable for wall or floor condition.
  - 3. Available Manufacturers:
    - a. Hager Companies (HAG).
    - b. IVES Hardware; an Allegion Company (IVE).
    - c. Hiawatha (HIW).
    - d. Burns (BRN).
    - e. Rockwood Manufacturing Company (ROC).
    - f. Trimco (TRI).

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### 2.16 OVERHEAD STOPS AND HOLDERS

- A. BHMA A156.8, Grade 1. Template for maximum degree of opening before encountering obstruction.
- B. Available Manufacturers:
  - 1. Architectural Builders Hardware Mfg., Inc. (ABH).
  - 2. Glynn-Johnson; an Allegion Company (GLY).
  - 3. Hager (HAG).
  - 4. Rixson Specialty Door Controls; an ASSA ABLOY Group company (RIX).
  - 5. SARGENT Manufacturing Company; an ASSA ABLOY Group company (SAR).

### 2.17 SILENCERS

- A. Though not listed in the hardware sets, provide silencers for Hollow Metal and Wood Door Frames: BHMA A156.16, Grade 1; neoprene or rubber, minimum diameter 1/2 inch (13 mm); fabricated for drilled-in application to frame; three for single doors, two for paired openings.
- B. Available Manufacturers:
  - 1. Glynn-Johnson; an Allegion Company (GLY).
  - 2. Hager Companies (HAG).
  - 3. IVES Hardware; an Allegion Company (IVE).
  - 4. McKinney Products Company; an ASSA ABLOY Group company (MCK).
  - 5. Rockwood Manufacturing Company (ROC).
  - 6. Trimco (TRI).

### 2.18 DOOR GASKETING

- A. General: Provide continuous weather-strip gasketing on exterior hollow metal doors and provide smoke, light, or sound gasketing on interior doors where indicated or scheduled. Provide noncorrosive fasteners as indicated by models in hardware sets.
  - 1. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame. If hardware is to be attached to the frame and would interfere with the gasketing, then provide hardware compatible gasketing that does not need to be cut for the mounting of hardware.
  - 2. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
  - 3. Sweeps: Apply to bottom of in-swinging exterior hollow metal doors, or as required for sound attenuation, forming seal with threshold or floor when door is closed.
  - 4. Seals integral to threshold at out-swinging exterior hollow metal doors.
- B. Requirements per type of rated door provided (these requirements supersede models indicated in hardware sets):
  - 1. Category A wood doors: provide models indicated in hardware sets.
  - 2. Category B wood doors: provide Category G&H seals at jambs and meeting edges. If Category H seals are indicated in hardware sets, provide Cat G seals in addition to the Category H seals.
  - 3. Category A and B hollow metal doors: provide models indicated in hardware sets.

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- C. Air Leakage: Not to exceed 0.50 cfm per foot (0.000774 cu. m/s per m) of crack length for gasketing other than for smoke control, as tested according to ASTM E 283.
- D. Smoke-Labeled Gasketing: Assemblies complying with NFPA 105 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for smoke-control ratings indicated, based on testing according to UL 1784.
  - 1. Provide smoke-labeled gasketing on 20-minute-rated doors and on smoke-labeled doors.
- E. Fire-Labeled Gasketing: Assemblies complying with NFPA 80 that are listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, for fire ratings indicated, based on testing according to NFPA 252 or UBC Standard 7-2.
  - 1. Test Pressure: After 5 minutes into the test, neutral pressure level in furnace shall be established at 40 inches (1016 mm) or less above the sill.
- F. Replaceable Seal Strips: Provide only those units where resilient or flexible seal strips are easily replaceable and readily available from stocks maintained by manufacturer.
- G. Jamb Gasketing Materials:
  - 1. Adhesive Seals. As specified in hardware sets or approved equal.
  - 2. Intumescents: As required.
  - 3. Screwed-on weatherstrip and sweeps. Neoprene.
  - 4. Panic type thresholds. Neoprene.
- H. Available Manufacturers for Jamb Gaskets (provided they provide items with neoprene inserts):
  - 1. Hager Companies (HAG).
  - 2. National Guard Products (NGP).
  - 3. Pemko Manufacturing Co. (PEM).
  - 4. Reese Enterprises (REE).
  - 5. Zero International (ZER).

### 2.19 FABRICATION

- A. Manufacturer's Nameplate: Do not provide products that have manufacturer's name or trade name displayed in a visible location except in conjunction with required fire-rated labels and as otherwise approved by Architect.
  - 1. Manufacturer's identification is permitted on rim of lock cylinders only.
- B. Base Metals: Produce door hardware units of base metal, fabricated by forming method indicated, using manufacturer's standard metal alloy, composition, temper, and hardness. Furnish metals of a quality equal to or greater than that of specified door hardware units and BHMA A156.18. Do not furnish manufacturer's standard materials or forming methods if different from specified standard.
- C. Fasteners: Manufacturer's standard, except as noted in product sections of this specification.

### 2.20 FINISHES

A. Standard: BHMA A156.18, as indicated in door hardware sets.

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- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

### **PART 3 - EXECUTION**

### 3.1 EXAMINATION PRIOR TO INSTALLATION OF DOORS AND HARDWARE

- A. Prior to installing doors, examine frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction, wall and floor construction, and other conditions affecting performance. Verify frames are plumb, level, square and dimensioned properly for the installation of doors.
- B. Prior to installing hardware other than hanging means, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire door assembly construction and other conditions affecting performance.
- C. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. Steel Doors and Frames: Comply with DHI A115 Series.
  - 1. Surface-Applied Door Hardware: Drill and tap doors and frames according to ANSI A250.6.
- B. Wood Doors: Comply with DHI A115-W Series.

### 3.3 INSTALLATION

- A. Low-energy Automatic Door Operators:
  - 1. Installer is to have current AAADM certification to install automatic door operators and actuating systems.
- B. Mounting Heights: Mount door hardware units at heights indicated as follows unless otherwise indicated or required to comply with governing regulations.
  - 1. Standard Steel Doors and Frames: DHI's "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
  - 2. Wood Doors: DHI WDHS.3, "Recommended Locations for Architectural Hardware for Wood Flush Doors."
  - 3. Push Plates: Top edge of plate: 53"AFF.
  - 4. Pull Plates: Top edge of plate: 50" AFF. Centerline of Grip: 40" AFF.

### C. Mounting Locations:

- 1. Wall Stops: Locate so that lockset spindle and wall stop share horizontal and vertical centerlines.
- 2. Closers and Overhead Stop/Holders: Template and mount closers and overhead stops for maximum degree of opening before door encounters obstruction or so as to interface with specified wall stops and holders. When used with closers, template and locate overhead stops so that closer arm does not fully extend and bottom out. These functionality requirements override any degree of opening information in the specifications or submittals.
- D. Install each door hardware item to comply with manufacturer's written instructions. Where cutting and fitting are required to install door hardware onto or into surfaces that are later to be painted or finished in another way, coordinate removal, storage, and reinstallation of surface protective trim units with finishing work specified in Division 09 Sections. Do not install surface-mounted items until finishes have been completed on substrates involved.
  - 1. Set units level, plumb, and true to line and location. Hardware designed for mortised installation shall be mortised in flush with adjoining surfaces. Adjust and reinforce attachment substrates as necessary for proper installation and operation.
  - 2. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- E. Weatherstrip and Gasketing with Metal Retainers: Fit up as needed for neat appearance with no gaps between retainers or bulbs. Mitre cut weatherstrip for flush fitup in corners.
- F. Thresholds: Set thresholds for exterior and acoustical doors in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants." Position for complete seal with bottom of doors with no penetration of air or daylight.

### 3.4 FIELD QUALITY CONTROL

- A. Provide Door Hardware Inspection Services and Field Quality Report as indicated below.
- B. Door Hardware Inspection Services
  - 1. Scope:
    - a. Door Hardware Inspection Services for the project shall be performed by the Inspector as a sub-consultant of the Architect.
    - b. Inspection of all swinging pedestrian doors and door hardware immediately following substantial completion of all hardware in entire project.
    - c. Inspector to furnish a Field Inspection Report, itemized per each individual opening, to the Architect, and to UK Chief of Police within 7 days of the inspection, including:
      - 1) deficiencies in workmanship and standard industry practices,
      - 2) use of allowable products,
      - 3) use of manufacturer recommended fasteners,
      - 4) compliance with the ADA,
      - 5) proper door/frame/hardware clearances,
      - 6) problems related to function, security, aesthetics or maintenance.
  - 2. Inspector: Calvert Independent Hardware Specifications, LLC. (Calvert IHS, LLC.) shall perform all inspections and re-inspections required by this specification. Contact info:

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Joseph D. (Joe) Calvert CSI CDT AHC SCIP, 307 Oakwood Circle, Vine Grove, KY 40175, 502-930-2039, joe@hardware-specs.com, www.hardware-specs.com.

### 3. Initial Inspection and Re-inspections:

- a. An initial inspection shall be performed as directed by the UK Police Department when notified by the contractor.
- b. Re-inspections are required until all items listed in the initial punch list report are approved by the Reviewer as corrected.
  - 1) Any subsequent review required beyond the initial back check of the punch list shall be paid for by the Contractor.
  - 2) Additional visits required by the Consultant to review work not completed by the first back check review shall be reimbursed directly by the Contractor by check or money order (due net 10 days from date of each additional visit) at a rate of \$150.00 per hour for extra trips required to complete the final punch lists.

### 4. Fees and Payment:

- a. The cost of the initial inspection at substantial completion shall be included in the design fee paid by the Owner to the Architect at the rate of \$15.00 per opening.
- b. Additional visits required by the Consultant to review work not completed by the first back check review shall be reimbursed directly by the Contractor by check or money order (due net 10 days from date of each additional visit) at a rate of \$150.00 per hour for extra trips required to complete the final punch lists.

### 3.5 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
- B. Overhead Stops/Holders: Set adjustable stops for maximum degree of opening before door encounters obstruction. Adjust friction to control door.

### C. Door Closers:

- 1. Unless otherwise required by authorities having jurisdiction, adjust sweep period so that, from an open position of 70 degrees, the door will take at least 3 seconds to move to a point 3 inches (75 mm) from the latch, measured to the leading edge of the door.
- 2. Adjust latch period so that door does not slam nor injure fingers.
- 3. Adjust spring power so that door properly latches. Per the ADA, 5 lbf is the maximum allowed on an interior non-rated door; 8.5 lbf is the maximum allowed on a non-rated exterior door. On smoke or fire rated doors, adjust the closer to the minimum spring power needed to reliably latch the door. If the Installer is having difficultly properly adjusting the closer due to improper door-frame clearances or air pressure differentials, they are to immediately notify the Contractor so that corrections may be quickly made.

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- Adjust backcheck to not be noticeable when door is moving slowly, but to slow door down 4. when accelerating due to human force or wind before hitting stop point so as to prevent damage to closer, arm, door, frame, and fasteners.
- D. Occupancy Adjustment: Approximately six months after date of Substantial Completion, Installer shall examine and readjust, including adjusting operating forces, each item of door hardware as necessary to ensure function of doors, door hardware, and electrified door hardware.

### 3.6 **CLEANING AND PROTECTION**

- A. Clean adjacent surfaces soiled by door hardware installation.
- В. Clean operating items as necessary to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure that door hardware is without damage or deterioration at time of Substantial Completion.
- DOOR HARDWARE SCHEDULE (on following pages followed by Door-Set Index) 3.7

### **Hardware Set Prefix Key:**

- **A For Doors with Automatic Door Operators**
- C For Doors with Card Readers
- **E** For Doors with Electrified Panic/Exit Devices
- K For Doors with Mechanical Key Override.
- M For Doors with Security Monitoring of Door Position but no Electric Locking.

No prefix indicates only mechanical hardware and no electronics.

### Hardward Set A01

па	Hardware Set Aul					
	Mechanical Hardware					
(3)	Butt Hinges	BB1199 x 5.0 x 4.5	630	HAG		
(1)	Push Plate	1809-4 x RC	630	TRI		
(1)	Pull Plate	1014-3B x RC	630	TRI		
(1)	Toe Pull	48	630	DJO		
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI		
(1)	Mop Plate	KM050 4 x 1LDW x CS x B4E	630	TRI		
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY		
	Electrified Hardware					
(1)	Automatic Door Operator	M-Force	628	STA		
(2)	Operator Actuator, 36"	S-i36-3-CLEAR	628	WIK		
	Note: Locate bottom of actuator	3" AFF.				
Ha	Hardware Set C01					

	Mecnanicai Haraware			
(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI

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SHA UKY2205
CPMD 2590.1
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(1)	Wall Stop, Convex	1270CX	626	TRI
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA
	Note: Do not prep door face for key cylinder.			

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card. Door is monitored for request-to-exit of inside lever and door position.

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### **Hardware Set C01A**

	Mechanical Hardware			
(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA

Note: Do not prep door face for key cylinder.

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card. Door is monitored for request-to-exit of inside lever and door position.

### **Hardware Set C01B**

### Mechanical Hardware

(3)	Butt Hinges	BB1168 x 5.0 x 4.5	652	HAG
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA
	Note: Do not prep door face for	key cylinder.		

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card. Door is monitored for request-to-exit of inside lever and door position.

### **Hardware Set C01C**

### Mechanical Hardware

(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Closer, HD Parallel Arm	4040XP EDA	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA
	Note: Do not prep door face for key cylinder.			

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card. Door is monitored for request-to-exit of inside lever and door position.

087100-22 Door Hardware

### **Hardware Set C01D**

	Mechanical Hardware			
(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Universal Stop, 1-1/2"	7280	630	TRI
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA
	Note: Do not prep door face for	key cylinder.		

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card. Door is monitored for request-to-exit of inside lever and door position.

### **Hardware Set C01E**

### Mechanical Hardware

(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY
	Electrified Hardware			
(1)	Continuous Hinge	SL24HD x EPT Prep	628	SEL
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA
	Note: Do not prep door face for l	key cylinder.		

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### **System Function**

Free egress. Door is normally locked (not powered); ingress by card. Door is monitored for request-to-exit of inside lever and door position.

087100-23 Door Hardware

# Hardware Set CE01 Mechanical Hards

	Mechanical Hardware			
(3)	Butt Hinges	BB1168 x 5.0 x 4.5	652	HAG
(1)	SFIC Mortise Cylinder Housing		626	BES
(1)	SFIC Permanent Cylinder Core		626	BES
(1)	Offset Pull, 1"D, 16"CTC	RM3330-16	630	ROC
(1)	Closer, HD Parallel Arm	4040XP EDA	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Cat H Adhesive Jamb Seal Set	2525B	Brown	NGP
	Note: Apply to top jamb only.			
(1)	Cat H Jamb Seal Set	135NA	628	NGP
	Note: Apply to side jambs only.			
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON
(1)	Fire Exit Device, Mortise, ELR	RX-QEL-9975EO-F	626	VON
(1)	Door Contact, 3/4", Pop-in, DPD7	Г 195-12	Gray	GRI
	Note: Locate on top jamb, 4" in t	from strike jamb.		

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered) and is monitored for inside touchbar REX and door position; ingress by card.

### **Hardware Set CK01**

Maa	haniaa	l Hardware
VIPC	ทกทางก	i Harawar <i>o</i>

(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	SFIC Permanent Cylinder Core		626	BES
(1)	Closer, HD Parallel Arm	4040XP EDA	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

Note 1: 180 degree door swing at Door 537.

### Electrified Hardware

(1)	Thru-wire Hinge Modification	1182x4		ACS
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card or key. Door is monitored for request-to-exit of inside lever and door position.

087100-24 Door Hardware

626

STA

### **Hardware Set CK01A**

	Mechanical Hardware			
(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	SFIC Permanent Cylinder Core		626	BES
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Universal Stop, 1-1/2"	7280	630	TRI
	Electrified Hardware			
(1)	Jamb-to-Door Power Transfer	EPT-10		VON

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

45H0DEU-14H x ROE x DS

### System Function

(1) Electric Mortise Lock

Free egress. Door is normally locked (not powered); ingress by card or key. Door is monitored for request-to-exit of inside lever and door position.

### **Hardware Set CK01B**

### Mechanical Hardware

(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	SFIC Permanent Cylinder Core		626	BES
(1)	Closer, HD Parallel Arm	4040XP EDA	689	LCN
(1)	Kick Plate	KO050 16 x 2LDW x CS x B4E	630	TRI
(1)	Extended Wall Stop	1298	626	TRI

Note: Locate on wall approx. 6" down and in from top lock corner of door as far out from hinge as possible.

Note 1: 180 degree door swing at Door 528.

### Electrified Hardware

(1)	Thru-wire Hinge Modification	1182x4		ACS
(1)	Electric Mortise Lock	45H0DEU-14H x ROE x DS	626	STA

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card or key. Door is monitored for request-to-exit of inside lever and door position.

### **Hardware Set CK02**

### Mechanical Hardware

(6)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Manual Flush Bolt	3917-12	626	TRI
(1)	Manual Flush Bolt	3917-24 (top)	626	TRI
(1)	SFIC Permanent Cylinder Core		626	BES
(2)	Wall Stop, Convex	1270CX	626	TRI

Note 1: 180 degree door swing at Door 500D1.

### Electrified Hardware

(1)	Thru-wire Hinge Modification	1182x4		ACS
(1)	Electric Mortise Lock	45H0DEU-14H x RQE x DS	626	STA

(1) Lot: Card reader, control electronics, low voltage power, cabling, terminations, programming (see electronic access control specifications)

### System Function

Free egress. Door is normally locked (not powered); ingress by card or key. Door is monitored for request-to-exit of inside lever and door position.

087100-25 Door Hardware

### **Hardware Set M01**

7.		• 1	**	7
Mo	cha	ทากก	Ha	rdware
1716	-nu	nucuu		uvvuic

(2)	Continuous Hinge	SL11HD	628	SEL
(2)	SFIC Mortise Cylinder Housing		626	BES
(2)	SFIC Permanent Cylinder Core		626	BES
(2)	Offset Pull Set BTB, 1"D, 36"CT	TC RM3330-36 x Type 5 Mtg	630	ROC
(2)	Door Sign	674H	626	ROC
	Note: Locate signs on push side	of doors above interior pulls as directed	by Architect.	
(2)	Closer, Overhead Concealed	PH 91 N DCP	628	RIX

(1) Lot: Double-cylinder deadbolt, set of manual flush bolts, jamb and meeting edge seals: by aluminum door and frame supplier.

Note 1: Adjust stops in closer arm tracks for maximum degree of opening.

### **Electrified Hardware**

(2) Door Contact, ¾", Pop-in, DPDT 195-12 Gray GRI Note: Locate on top jamb, 4" in from strike jamb.

(1) Lot: Monitoring electronics, cabling, terminations, programming (see electronic access control specifications) **System Function** 

Door is not a required exit in either direction and may be left locked or unlocked in both directions. Doors are monitored for door position.

	<u> </u>					
(3)	Butt Hinges	BB1168 x 5.0 x 4.5	652	HAG		
(1)	Fire Device, Rim, 14	99L-F x 996L-BE-R/V-17	626	VON		
(1)	Closer, Regular Arm	4040XP Reg	689	LCN		
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI		
(1)	Cat H Adhesive Jamb Seal Set	2525B	Brown	NGP		
	Note: Apply to top jamb only.					
(1)	Cat H Jamb Seal Set	135NA	628	NGP		
	Note: Apply to side jambs only.					
**						
	Handwara Cat M					

### <u>Hardware Set 02</u>

(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Passage Set	45H0N-14H	626	BES
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

### **Hardware Set 03**

(3)	Butt Hinges	BB12/9 x 4.5 x 4.0	652	HAG
(1)	Office Lock	45H7A-14H	626	BES
(1)	SFIC Permanent Cylinder Core		626	BES
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI

### **Hardware Set 03A**

(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Office Lock	45H7A-14H	626	BES
(1)	SFIC Permanent Cylinder Core		626	BES
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Overhead Stop, HD, Concealed	100S x ADJ	630	GLY

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MD	versity of Kentucky S Fifth Floor Renovation tract Documents - Addendum 0	13		SHA UKY2205 CPMD 2590.1 09 August 2023
Hai	rdware Set 04			
(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Classroom Lock	45H7R-14H	626	BES
(1)	SFIC Permanent Cylinder Core	4311/IC-1411	626	BES
(1)	Wall Stop, Convex	1270CX	626	TRI
( )	1,			
Ha	<u>rdware Set 05</u>			
(3)	Butt Hinges	BB1199 x 5.0 x 4.5	630	HAG
(1)	Push Plate	1809-4 x RC	630	TRI
(1)	Pull Plate	1014-3B x RC	630	TRI
(1)	Toe Pull	48	630	DJO
(1)	Closer, Regular Arm	4040XP Reg	689	LCN
(1)	Kick Plate	KO050 8 x 2LDW x CS x B4E	630	TRI
(1)	Mop Plate	KM050 4 x 1LDW x CS x B4E	630	TRI
(1)	Wall Stop, Convex	1270CX	626	TRI
Ца	udryana Sat 06			
	rdware Set 06	DD1270 4.5 4.0	(52	HAC
(3)	Butt Hinges	BB1279 x 4.5 x 4.0	652	HAG
(1)	Storeroom Lock	45H7D-14H	626	BES
(1)	SFIC Permanent Cylinder Core	4500	626	BES
(1)	Overhead Stop, MD, Surface	450S	630	GLY
Ha	rdware Set 07			
	D' C-1' 1		626	DEC

(1) Rim Cylinder

(26 BES

Note 1: Balance of hardware for operable partition which divides Classrooms 529 and 531 by partition manufacturer. Coordinate cylinder type and cam required.

087100-27 Door Hardware

### 3.8 DOOR TO HARDWARE SET INDEX

Door	HW Set
500D1	CK02
501	M01
501A	C01A
501B	03
501C	03
501D1	03
501D1-1	C01
501D1-2	02
501E	04
503-1	C01
503-2	02
505-1	C01
505-2	02
507-1	C01C
507-2	CO1B
507A	C01D
507B-1	03

507B-2	03		
509-1	C01		
509-2	02		
511	03A		
513	C01C		
513A	03		
513B	03		
513C	03		
513D	03		
515	A01		
526	05		
528	CK01B		
528A	06		
529	CE01		
530	05		
531	CE01		
532	CK01A		
533	A01		

535	C01C
535A	03
535B	03
535C	03
535D	03
537	CK01
539-1	C01
539-2	02
541-1	C01C
541-2	C01B
541A	C01D
541B-1	03
541B-2	03
545	C01E
ST-A	01
ST-B	01

END OF SECTION

087100-28 Door Hardware

### **SECTION 097753**

### **DECORATIVE LAMINATE WOOD WALL PANEL SYSTEM**

### **PART 1 GENERAL**

### 1.01 SECTION INCLUDES

A. Decorative pre-finished wall surfacing systems and trim

### 1.02 RELATED SECTIONS

- A. Section 061000 Rough Carpentry
- B. Section 092116 Gypsum Board Systems

### 1.03 REFERENCES

- A. AWI Quality Standards (Architectural Woodwork Institute)
- B. ASTM E-84 (Method of test for surface burning characteristics of building materials)
- C. BHMA (Builder's Hardware Manufacturers Associations)

### 1.04 SUBMITTALS

- A. Submit under provisions of Section 013000.
- B. Provide manufacturers product data sheets for approval.
- C. Provide manufacturers' recommended maintenance procedures to the owner.
- D. Initial Color and Finish Selection: Submit data illustrating manufacturer's full range of wood look plastic laminate standard colors and finishes for initial selection of color and finish by architect and interior designer.
- E. Samples: After initial color and finish selection has been chosen, submit two samples, 12X12 inches in size illustrating full range of colors and textures for each product and accessory selected.

### 1.05 DELIVERY, STORAGE AND HANDLING

A. All products are to be packaged at the factory in heavy cardboard cartons. All shipments to the job site shall be made on wooden pallets.

### 1.06 WARRANTY

A. All products shall be warranted to be free from defects for a period of 1 year after installation.

### **PART 2 PRODUCTS**

087100-1 Door Hardware

## 2.01 (L1A/L1B/L1C/L1D/L1E/L1F/L1G) ACCEPTABLE MANUFACTURERS - WALL PANEL SYSTEM AND HARDWARE

- A. Wilsonart (Temple, Tx).
- B. Formica (Cincinnati, OH).
- C. Lamitech
- D. Nevamar (Shelton, CT).
- E. Substitutions under the provisions of Section 01600.

### 2.02 MATERIALS

- A. Interior Flat wall surface systems:
  - 1. Flat Wall Substrate Panels: System shall consist of 3/8" nominal thickness panels with square cut, finished edges, installed with aluminum trim. Refer to plans for locations and sizes of horizontal and vertical trim.
  - 2. Flat Wall Substrate Hardware: All exposed application hardware shall be provided in Clear Satin Anodized Aluminum.
- B. Interior Curved wall surface systems:
  - 1. Curved Wall Substrate Panels: System shall consist of 3/8" nominal thickness panels with square cut, finished edges. Refer to plans for locations and sizes of horizontal and vertical trim.
  - 2. Curved Wall Substrate Hardware: All exposed application hardware shall be provided in Clear Satin Anodized Aluminum.
- C. Panel Construction and Finish:
  - 1. High Pressure Laminate: High Pressure Laminate panels have a "vertical grade" decorative laminate face on a wood fiber substrate. Color to be chosen by Architect from manufacturer's full range of standard colors and finishes available. Provide PVC or ABS edge banding on all panels to match laminate selection on face. Refer to Interior Design Drawings for specific laminate selection.
- C. All panel sizes shall be as indicated on the Construction Drawings.

### 2.03 ACCESSORIES

- A. All trim specified shall be heavy weight extruded aluminum 6063-T5 alloy, factory finished.
  - 1. Trim Profiles for 3/8" thick panels;
    - a. Edges & Corner Accessory Trim shall be as shown in details on Architectural Drawings.
    - b. Reveal Trim shall be as shown in details on Architectural Drawings.
  - 2. Trim Finish
    - a. Stainless Steel, Type 304.

087100-2 Door Hardware

### 2.04 FABRICATION

- A. All decorative laminate wood wall panels, hardware and accessories shall be factory finished and ready to install. Field fabrication will be required at perimeter conditions.
- B. Panel edges must be refinished per manufacturer's instruction after field cutting, before installation.

### PART 3 EXECUTION

### 3.01 EXAMINATION

A. General: Inspect substrates and conditions of installation to verify that Work may properly commence. Do not proceed with the Work until unsatisfactory conditions have been corrected.

### 3.02 PREPARATION

- A. Structural walls should be finished, with building completely closed. Walls shall be thoroughly dry before starting installation.
- B. Apply panels must over a smooth, solid, flat backing such as plywood or drywall. All drywall joints should be taped and finished. Walls should be primed before installation begins.
- C. Protect existing surfaces with drop cloths.

### 3.03 CONDITIONING

A. Allow panels to equalize to the moisture and temperature in the room environment which they are to be installed prior to installation. Maintain a temperature range of 60°-80°F and a humidity range of 35-55% during storage and installation.

### 3.04 INSTALLATION

- A. Install all materials in strict accordance with the manufacturer's installation instructions.
- B. Avoid contamination of the panel faces with adhesives, solvents or cleaners during installation.

### 3.05 CLEANING

A. Clean panels, trim and hardware according to the manufacturer's recommendations.

### **END OF SECTION**

087100-3 Door Hardware

EQUIPMENT SCHEDULE							
TEM#	ITÉM DESCRIPTION	MANUFACTURER	MODEL#	~RESPONSHBILHTY~	NOTES		
					}		
EQ-01	32" Commercial 4K Flat Panel Display	LG	32LN340C	C.F.C.I.	Refer to ELECT/AV, Contractor to Provide Supporting Infrastructure, Display, Bracket		
EQ-02	43" Monitor with Compact PC and Camera	LG	43" UR340C	C.F.C.I.	Refer to ELECT/AV, Contractor to Provide Supporting Infrastructure, Display, Bracket		
EQ-03	55" Patient Monitor (Future at Skills Lab Holding Bays)	LG	55" UR340C	O.F.O.I.	At Skills Lab Holding Bays, infrastructure to support this devise is part of this project.  Contractor to provide blocking as part of this project.		
EQ-04	75" Commercial 4K Flat Panel Display	LG	75" UR340C	C.F.C.I.	Refer to ELECT/AV, Contractor to Provide Supporting Infrastructure, Display, Bracket		
EQ-04a	86" Commercial 4K Flat Panel Display	LG LA	86" UR340C	, , , Ç.F.Ç.I., , ,	Refer to ELECT/AV, Contractor to Provide Supporting Infrastructure, Display, Bracket		
EQ-05	Bedside Cabinet	Pocket Nurse	04-50-3023	0.F.O.I.			
EQ-06	Coffee Maker			O.F.C.I.			
EQ-07	Computer Workstation			O.F.O.I.			
EQ-08	Crash Cart			O.F.O.I.			
EQ-09	Diagnostic Set	Pocket Nurse	02-70-7770	O.F.C.I.			
EQ-10	Digital Standing Scale/ Height Rod	Health-O-Meter		O.F.O.I.			
EQ-11	Gloves	Pocket Nurse	03-47-6535P	O.F.C.I.			
EQ-12	Hand Sanitizer Dispenser	Concordance/Seneca	7720-01	O.F.C.I.	48" AFF to bottom of dispenser.		
EQ-13	IV Stand	Pocket Nurse	06-54-0554P	O.F.O.I.	The second of th		
EQ-14	Medication Station			0.F.O.I.			
EQ-15	Microwave			O.F.C.I.			
EQ-16a	Mirror - Restroom			C.F.C.I.			
EQ-16b	Mirror - Restroom			1 C.E.C.I.			
EQ-17	NC Master Station	Pocket Nurse	04-50-9221	(O.F.C.I.)			
EQ-18	Overbed Table	Pocket Nurse	04-50-1010	0.F.Ö.I.			
EQ-19	Patient Bed - Bariatric			O.F.O.I.			
EQ-20	Patient Bed - ICU			O.F.O.I.			
EQ-21	Patient Bed - Labor			O.F.O.I.			
EQ-22	Patient Bed - Acute Care			O.F.O.I.			
EQ-23	Printer/ Scanner/ Fax - Free Standing			0.F.O.L			
EQ-24	Projector			C.F.C.I.	Contractor to Provide Supporting Infrastructure		
EQ-25	Projector Screen			C.F.C.I.	11/A5.3; Contractor to Provide Supporting Infrastructure		
EQ-26	Refrigerator			O.F.C.I.	Ice Maker & Water Dispenser		
EQ-27	Sharps	Pocket Nurse	03-78-3002	O.F.C.I.			
EQ-28	Stool	Pocket Nurse	04-50-9501	0.F.O.I.			
EQ-29	Stretcher			, O.F,O.I.,			
EQ-30	Trash			0.F.O.I.			
EQ-31	Patient Monitor			0.F.O.I.			
EQ-32	Computer - Wall Mounted			O.F.O.I./O.F.C.I.	Contractor to install bracket and support		
EQ-33	Porcelain Enamel Markerboard	Claridge Products	Porcelain Sliding Wall	C.F.C.I.	2 Tracks, 1 Panel Per Track, 4'X8' Panel Each		
EQ-35	Wire Rack Shelving - 6'			O.F.O.I.			
EQ-36	Wire Rack Shelving - 9'-6"			O.F.O.I.			
EQ-37	VR Charging Cabinet (4)			O.F.C.I.			
EQ-38	Printer			O.F.O.I.			
EQ-39	Ventilator						

# PROJECT KEYNOTES

C.R. LAWRENCE CUSTOM SHARYN FRAMELESS PASS-THRU WINDOW WITH 1/4" TEMPERED GLASS

	DOORS, SATIN ANODIZED FINISH, AND PUSH BUTTON LOCK. REFER TO PLANS AND ELEVATIONS.
088000.A01	GLAZING. (088000) REFER TO PARTIAL FLOOR PLANS FOR GLAZING TYPES.
092216.A01	METAL STUD, REFERENCE FLOOR PLAN FOR WALL TYPE.
092216.B01	1 5/8" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B02	2" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B04	3 5/8" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B05	6" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B06	8" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B49	3 5/8" METAL STUD FLOOR RUNNER.
092216.B52	7/8" HAT CHANNELS AT 1'-4" O.C. MAXIMUM.
092216.B55	DRYWALL SUSPENSION SYSTEM.
092216.B56	CHANNEL MOULDING.
092216.B57	CONTINUOUS 7/8" METAL FURRING CHANNEL ATTACHED TO STRUCTURE ABOVE.
092216.G09	REFER TO FLOOR PLAN, INTERIOR PARTITION TYPES, SPECIAL PARTITION ASSEMBLIES AND PARTITION TYPE LEGEND FOR SPECIFIC WALL CONSTRUCTION AND HEIGHT.
092710.A01	FRY REGLET DRYWALL CORNER TRIM, DMCT-1250, 1-1/4".
092900.B03	5/8" VERTICAL GYPSUM WALL BOARD.
092900.B12	TWO (2) LAYERS OF 5/8" VERTICAL GYPSUM WALL BOARD TIGHT TO DECK.
092900.B13	ALTERNATE LAYERS OF GYPSUM WALLBOARD SHALL OVERLAP AT CORNER INTERSECTIONS OF MULTI-LAYERED RATED GYPSUM BOARD PARTITIONS.
092900.B22	5/8" HORIZONTAL GYPSUM WALL BOARD.
092900.B81	PAINTED GYP WALL REVEAL, REFER TO INTERIOR DESIGN FOR COLOR.
092900.B83	FRY REGLET TRIM MODEL MWPT2575.
092900.B84	FRY REGLET TRIM MODEL MWP2575.
092900.B85	1/4" FRY REGLET MILLWORK CLEAT 25.
092900.D03	#8 X 2" SCREWS AT 24" OC.
092900.F03	ACOUSTIC SEALANT TO LIMIT THE PASSAGE OF SMOKE/SOUND.
092900.F13	JOINT TAPE AND COMPOUND SHALL BE VINYL, DRY OR PRE-MIXED COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS; PAPER TAPE, 2 INCHES WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.
093000.A05	WALL TILE AS SCHEDULED.
095100.A01	SUSPENDED ACOUSTICAL CEILING TILE SYSTEM.
095100.A02	EXTRUDED ALUMINUM PERIMETER TRIM CEILING SYSTEM.
095421.A01	ACOUSTICAL METAL LAY-IN CEILING TILE.
005404 400	6"COMPASSO STANDARD TRIM DEFER TO INTERIOR

6"COMPASSO STANDARD TRIM, REFER TO INTERIOR

12 GUAGE HANGER WIRE, CONNECT TO MAIN TEE PARALLEL TO MAIN TRIM, REFER TO PRODUCT

8"COMPASSO STANDARD TRIM, REFER TO INTERIOR

TORISON SPRING CLIPS, REFER TO PRODUCT DRAWINGS.
CROSS TEE, REFER TO PRODUCT DRAWINGS.

MAIN TEE, REFER TO PRODUCT DRAWINGS.

DESIGN.

095421.A02

095421.A05

095421.A06

095421.A07 095421.A09

# PROJECT KEYNOTES

024119.A15 REMOVE EXISTING CEILING AND SOFFIT.

024119.A15	REMOVE EXISTING CEILING AND SOFFIT.
024119.A16	REMOVE EXISTING EPOXY FLOORING.
024119.A17	REMOVE EXISTING CMU PARTITIONS.
024119.A18	REMOVE EXISTING TOILET PARTITIONS.
024119.A32	REMOVE EXISTING TILE FLOOR AND BASE.
024119.A41	REMOVE EXISTING CEILING.
024119.A61	REMOVE EXISTING WINDOW SILLS AND DRYWALL SURROUNDS, TYPICAL THROUGHOUT PROJECT AREA, U.O.N.
024119.B22	REMOVE EXISTING PLUMBING FIXTURES.
024119.B23	REMOVE EXISTING SINK.
024119.C04	REMOVE ALL EXISTING DRYWALL AND INSULATION AT EXTERIOR WALLS.
024119.C06	REMOVE EXISTING CONCRETE CURB.
033000.A01	INFILL ABANDONED SLAB OPENINGS WITH NEW CONCRETE SLAB ASSEMBLY. COORDINATE WITH STRUCTURAL AND MECHANICAL DRAWINGS.
061000.A01	WOOD FRAMING.
061000.A09	1/2" PLYWOOD.
061000.D07	4' X 8', 3/4" FIRE RETARDANT TREATED PLYWOOD MOUNTED VERTICALLY FROM 8" AFF TO 8'-8" AFF.
061000.D13	5/8" PLYWOOD.
064100.A01	SOLID SURFACE WINDOW SILL, 1/4" THICK WITH 1" OVERHANG AND 1 1/2" APRON, TYPICAL AT ALL WINDOWS, DEPTHS VARY
064100.A11	SOLID SURFACE COUNTERTOP WITH 1/2" RADIUSED EDGES.
064100.A14	SOLID SURFACE VERTICAL PANEL.
064100.A26	SOLID SURFACE INTEGRAL SINK (REFER TO PLUMBING DRAWINGS FOR PLUMBING TRIM). CONTRACTOR TO VERIFY THAT SINK FITS WITHIN
201102.107	ACCESSIBLE CASEWORK PROFILE PRIOR TO ORDERING SINK/CASEWORK.
064100.A27	1/2" THICK SOLID SURFACE REMOVABLE PANEL SECURED WITH STAINLESS STEEL DRESS SCREWS.
064100.A28	1/2" THICK X 4" TALL SOLID SURFACE BACKSPLASH. EASE ALL EXPOSED EDGES.
064100.A31	SOLID SURFACE BENCH TOP, 1/4" THICK WITH 1" OVERHANG AND 1 1/2" APRON.
064100.B01	SOLID SURFACE WALL PROTECTION. SEE INTERIOR FINISH DRAWINGS & INTERIOR ELEVATION FOR LOCATION/DESIGN/COLOR.
064100.C03	METAL COUNTERTOP SUPPORT BRACKET.
064100.E01	GROMMET HOLES FOR CABLE ACCESS, SEE VENDOR DRAWINGS FOR LOCATION.
072100.A01	GLASS FIBER ACOUSTIC INSULATION (TYPE ?).
072100.A02	SPANDREL INSULATION PANEL (TYPE ?).
072100.B20	GLASS FIBER ACOUSTIC INSULATION (TYPE 2).
078400.A01	HEAD/FLOOR TRACK OF WALL FIRESTOP JOINT TREATMENT SYSTEM AT INTERSECTION OF FIRE AND/OR SMOKE RESISTIVE SEPARATION ASSEMBLY, WITH ROOF ASSEMBLY, OR FLOOR ASSEMBLY.
078400.A02	MECHANICAL OR ELECTRICAL THROUGH PENETRATION FIRESTOP SYSTEM AS REQUIRED TO MAINTAIN FIRE AND/OR SMOKE RESISTIVE SEPARATION ASSEMBLY (REFER TO MECHANICAL AND ELECTRICAL DRAWINGS AND SPECIFICATIONS).
078400.A03	ALL WALL PENETRATIONS TO BE INFILLED WITH LIKE MATERIAL AND/OR FIRESTOPPED.
079200.A03	CONTINUOUS BEAD SEALANT.
081113.A03	STANDARD STEEL FRAME.
081113.A04	FRAME ANCHOR.
081416.A04	DOOR (REFER TO OPENING SCHEDULE).
083113.A01	24" X 24" LOCKING TAMPER RESISTANT CEILING ACCESS PANEL IN CUSTOM FACTORY FINISH TO MATCH ADJACENT CEILING. KEYCORE TO BE ON MASTER KEY SYSTEM, COORDINATE WITH UK KEY SHOP. COORDINATE EXACT LOCATION WITH ARCHITECT AND ENGINEER.
084113.A01	ALUMINUM FRAME STOREFRONT SYSTEM. MATCH EXISTING MULLION FINISH, MULLION SIZE AND ALIGNMENTS.
084113.A04	ALUMINUM FRAME STOREFRONT SYSTEM.
084113.A06	ALUMINUM STOREFRONT DOOR (REFER TO OPENING SCHEDULE).

# EQUIPMENT SCHEDULE LEGEND

SCHEDULE).

ABBREVIATION	DESCRIPTION
O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
0.F.O.I.	OWNER FURNISHED, OWNER INSTALLED
V.F.V.I.	VENDOR FURNISHED, VENDOR INSTALLED
C.F.C.I.	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

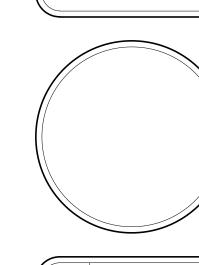


501 EAST HIGH STREET

LEXINGTON, KENTUCKY 40502

859.402.8008 502.893.1876 fax





PROJECT INFORMATION
MDS FIFTH FLOOR RENOVATION
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

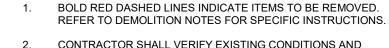
Addendum 03 8.9.202

07 July 2023 UKY2205

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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

CONT



CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONFIGURATIONS

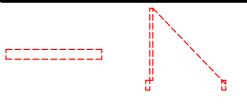
SHOWN IN THE CONSTRUCTION DRAWINGS.

- INFORMATION REGARDING MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS TO BE REMOVED HAS BEEN INCLUDED FOR REFERENCE ONLY. REFER TO MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR COMPLETE INSTRUCTIONS ON THE REMOVAL OF THESE ITEMS.
- EXISTING MECHANICAL, PLUMBING AND ELECTRICAL SYSTEMS MUST CONTINUE TO OPERATE AS REQUIRED TO
- ALL ADJACENT SURFACES TO THE AREA OF DEMOLITION WHICH ARE SCHEDULED TO REMAIN AND ARE IN ANY MANNER AFFECTED BY THE WORK SHALL BE PATCHED AS REQUIRED TO MATCH THE ADJACENT FINISHED SURFACES.

SATISFY OWNER THROUGHOUT THE CONSTRUCTION PERIOD.

- ALL LOCATIONS OF DUCTWORK AND PIPING REMOVAL THROUGH EXISTING WALL CONSTRUCTION SCHEDULED TO REMAIN SHALL BE PATCHED WITH MATERIALS IDENTICAL ADJACENT CONSTRUCTION AS REQUIRED FOR UNIFORM TRANSITIONS TO ADJACENT FINISH SURFACES.
- CONTRACTOR SHALL REMOVE PORTIONS OF EXISTING CONSTRUCTION AS REQUIRED FOR INSTALLATION OF NEW MECHANICAL, PLUMBING AND/OR ELECTRICAL ITEMS AS INDICATED ON MEP DRAWINGS. ALL SURFACES AFFECTED SHALL BE PATCHED UPON COMPLETION OF MECHANICAL, PLUMBING AND/OR ELECTRICAL WORK AS REQUIRED TO MATCH ADJACENT SURFACES.
- CUTTING AND PATCHING OF EXISTING CONSTRUCTION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR PERFORMING THE WORK FOR WHICH THE CUTTING IS REQUIRED. THE WORK SHALL BE PERFORMED BY A PERSON OR PERSONS SKILLED IN THE TRADE INVOLVED.
- ALL DEMOLITION DEBRIS SHALL BE DISPOSED OF IN A MANNER ACCEPTABLE TO THE REGULATORY AUTHORITY HAVING JURISDICTION.
- 10. NOISE AND DUST LEVELS SHALL BE KEPT TO A MINIMUM TO AVOID DISTURBANCES TO ONGOING ACTIVITIES IN THE ADJACENT AREAS.
- 11. CONTRACTOR SHALL PROVIDE TEMPORARY PARTITION/DOORS AS REQUIRED TO SECURE PROJECT AREA AT ALL TIMES AND AS REQUIRED TO AVOID MIGRATION OF DUST INTO ADJACENT OCCUPIED AREAS.
- 12. CONTRACTOR IS TO REMOVE ALL SIGNAGE DURING DEMOLITION AND RETURN TO THE OWNER.
- 13. ALL MATERIALS, FIXTURES, CASEWORK, EQUIPMENT, AND OTHER ITEMS REMOVED FROM THE AREAS OF DEMOLITION ARE AND SHALL REMAIN THE PROPERTY OF THE OWNER UNLESS OTHERWISE STIPULATED BY THE OWNER OR ARCHITECT.
- 14. IF THE CONTRACTOR ENCOUNTERS ANY MATERIAL SUSPECTED TO CONTAIN ASBESTOS, THE OWNER SHALL BE NOTIFIED IMMEDIATELY. THE OWNER SHALL BE RESPONSIBLE FOR ALL ASBESTOS REMOVAL.
- 15. ANY EXISTING ITEM NOT SCHEDULED FOR REMOVAL WHICH IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO MATCH ADJACENT SURFACES AT NO COST TO OWNER.
- 16. REFERENCE PLUMBING, MECHANICAL, AND ELECTRICAL CONSTRUCTION DRAWINGS FOR SCOPE OF PLUMBING, MECHANICAL, AND ELECTRICAL DEMOLITION WORK ON ROOF AND OUTSIDE OF PROJECT LIMITS SHOWN ON THE ARCHITECTURAL DRAWINGS AS REQUIRED FOR NEW WORK.
- IN PROJECT AREA WITH OWNER PRIOR TO CONSTRUCTION.
- PROTECTED FOR THE DURATION OF THE CONSTRUCTION PROCESS.

# **DEMOLITION LEGEND**



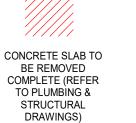
WALL TO BE REMOVED COMPLETE



REMOVED COMPLETE (REFER TO PLUMBING DRAWINGS)

WATER CLOSET TO BE REMOVED COMPLETE (REFER TO PLUMBING DRAWINGS)







CEILING TO BE REMOVED COMPLETE (REFER TO MEP DRAWINGS)

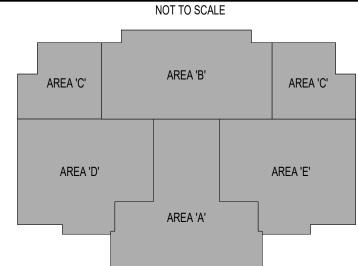
MOP/CLINICAL SINK TO BE

REMOVED COMPLETE

(REFER TO PLUMBING

DRAWINGS)

KEYPLAN





501 EAST HIGH STREET

859.402.8008

LEXINGTON, KENTUCKY 40502

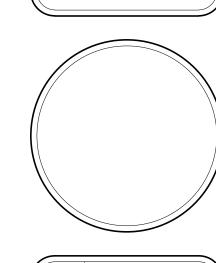
502.893.1876 fax



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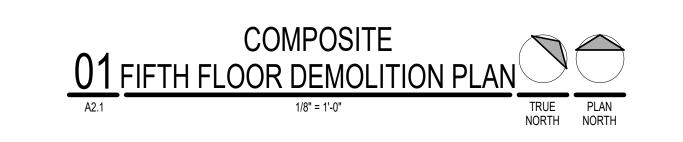
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY



COMPOSITE FIFTH FLOOR DEMOLITION PLAN MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

Addendum 03 8.9.2023 07 July 2023

UKY2205



535

THROUGHOUT 5TH

552

THROUGHOUT 51 FLOOR

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OFFICE

511A

534

**ELECTRIC** 

532

024119.C06

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527C

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OFFICE 525

OFFICE 511C

024119.A61

024119.C04

537

LAB 548

OFFICE

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OFFICE 501A

024119.C04

544

024119.A61

024119.A17

523

521

OFFICE

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THROUGHOUT 5TH

519

517

515

LAB 513

024119.C04

024119.A61

024119.C04

024119.A61

024119.A32

543 024119.A61

024119.A61

**KEYNOTES** 

024119.A15

024119.A16

024119.A17 024119.A18

024119.A32

024119.A61

024119.B22

024119.B23

024119.C04

REMOVE EXISTING CEILING AND SOFFIT.

REMOVE EXISTING EPOXY FLOORING.

REMOVE EXISTING TOILET PARTITIONS.

REMOVE EXISTING TILE FLOOR AND BASE.

REMOVE EXISTING PLUMBING FIXTURES.

REMOVE EXISTING CONCRETE CURB.

REMOVE EXISTING WINDOW SILLS AND DRYWALL

REMOVE ALL EXISTING DRYWALL AND INSULATION

SURROUNDS, TYPICAL THROUGHOUT PROJECT

REMOVE EXISTING CMU PARTITIONS.

AREA. U.O.N.

REMOVE EXISTING SINK.

AT EXTERIOR WALLS.

• 024119.C04 545

LAB 547

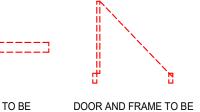
024119.A32

THROUGHOUT 5TH

17. COORDINATE REMOVAL OF ALL FURNITURE AND EQUIPMENT

18. ANY EXISTING CONSTRUCTION TO REMAIN IS TO BE

- WHERE NEW ELEMENTS (ARCHITECTURAL, STRUCTURAL, MECHANICAL, OR OTHER) ATTACH TO EXISTING STRUCTURE, REMOVE EXISTING FIRE-PROOFING AS REQUIRED TO COMPLETE THE ATTACHMENT. PATCH THE AREA OF DAMAGED FIRE-PROOFING AFTER COMPLETING INSTALLATION OF THE NEW ATTACHMENT.
- 20. POWER WASH/CLEAN CONCRETE PAD AND SIDEWALK IN PROJECT SCOPE.
- AT ALL EXTERIOR WALLS REMOVE EXISTING GYPSUM BOARD AND INSULATION.







# COMPOSITE FIFTH FLOOR PLAN TRUE PLAN NORTH NORTH

# **GENERAL NOTES**

- 1. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR DELINEATION OF ALL ASSEMBLIES WITHIN THEIR RESPECTIVE PORTIONS OF WORK.
- 2. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONFIGURATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- 3. CONTRACTOR SHALL VERIFY FINAL CONFIGURATION OF ALL EQUIPMENT, INCLUDING CONTRACTOR FURNISHED ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ASSOCIATED WITH EQUIPMENT, WITH

OWNERS AND ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION

- 4. ALL DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISH FACE OF WALL UNLESS OTHERWISE NOTED.
- 5. COORDINATE OWNER SIGNAGE WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 6. PROVIDE MOISTURE RESISTANT GYPSUM BOARD BEHIND AND WITHIN THREE FEET OF ANY PLUMBING FIXTURE TO A HEIGHT OF 8'-0" A.F.F.
- 7. ALL INTERIOR PARTIONS SHALL BE PARTITION TYPE 6 UNLESS OTHERWISE NOTED. EXCEPTION: AT LOCATIONS WHERE ONE SIDE OF INTERIOR PARTITION FACES AN UNOCCUPIABLE SPACE, THE INTERIOR PARTITION SHALL BE TYPE 5 UNLESS OTHERWISE NOTED.
- 8. GYPSUM WALLBARD AND ACOUSTICAL INSULATION SHALL EXTEND TO 6" ABOVE CEILING IN ALL LOCATIONS UNLESS OTHERWISE NOTED.
- 9. REFERENCE SPECIFICATIONS SECTION 102800 FOR TOILET ACCESSORY SCHEDULE. TOILET ACCESSORY ITEMS DENOTED BY THE TA-X TAG. PROVIDE AS INDICATED OR ARCHITECT APPROVED EQUAL.
- 10. CONTRACTOR SHALL PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS AS REQUIRED TO MAINTAIN RATING AT ALL PENETRATIONS THROUGH NEW FIRE RATED ASSEMBLIES.
- 11. ADD CONCRETE TOPPING AS REQUIRED TO LEVEL OUT FLOOR WHERE WALLS HAVE BEEN DEMOLISHED AND/OR WHERE FLOORING IS UNEVEN.
- 12. EXISTING CONSTRUCTION TO REMAIN SHALL BE PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW FINISHES.
- 13. PROVIDE GYPSUM RETURN AT ALL WINDOW JAMBS AND HEADS.
- 14. INFILL EXISTING UNUSED SLAB OPENINGS AND CONCRETE WALL OPENINGS, REFERENCE STRUCTURAL DRAWINGS.

### 15. NOT USED

- 16. CENTER RATED ACCESS PANELS ON WALL IF THE ABILITY TO ACCESS DUCT SMOKE DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED.
- 17. ALIGN RATED ACCESS PANELS IF THE ABILITY TO ACCESS DUCT SMOKE DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED.
- 18. WHERE ABANDONED FLOOR PENETRATIONS ARE BEING REMOVED, INFILL SLAB PER STRUCTURAL
- 19. AT ALL EXTERIOR WALLS PROVIDE NEW BATT INSULATION AND GYPSUM BOARD.

CONTRACTOR SHALL PROVIDE, COORDINATE AND INSTALL BLOCKING FOR THE FOLLOWING ITEMS:

TOILET ACCESSORIES, DOOR ACCESSORIES, MIRRORS. MARKERBOARDS, CHALKBOARDS, TACKBOARDS, COAT/ROBE HOOKS, WALL MOUNTED EQUIPMENT, DIAGNOSTIC SETS, SHARPS CONTAINERS, LEAD-LINED APRON RACKS, ADJUSTABLE SHELVING. MONITORS. TELEVISIONS, CAMERAS, PROJECTORS AND OTHER A/V EQUIPMENT, SIGNAGE IF NEEDED.

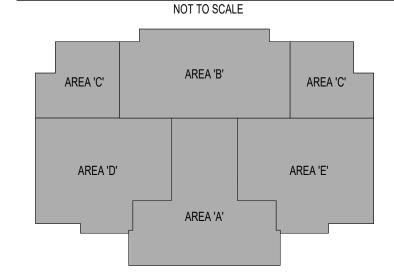
REFER TO PROJECT MANUAL (061000) FOR ADDITIONAL BLOCKING REQUIREMENTS, THIS IS A SUMMARY LISTING OF ITEMS AND IS NOT INTENDED AS A COMPREHENSIVE LIST. REQUIREMENTS OF THE PROJECT MANUAL SHALL STILL BE MET.

# KEYNOTES

# FLOOR PLAN LEGEND

XXXXX.XX	XXX	XXXXX	X G-X
PLAN NOTE	EQUIPMENT NUMBER	ROOM NAME/ NUMBER	FRAME ELEVATION/ GLASS TYPE
XXX	A8.X	XX A7.X	XX
NEW DOOR/ NUMBER	INTERIOR ELEVATION	DETAIL/ SECTION	PARTITION TYPE
	NEW WALL	EXISTING WALL	

# **KEYPLAN**





501 EAST HIGH STREET

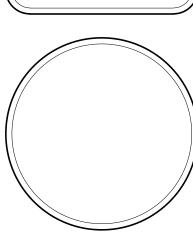
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859.402.8008

502.893.1876 fax



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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY COMPOSITE FIFTH FLOOR PLAN

> MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY Addendum 03

07 July 2023 UKY2205

A4.1

NORTH NORTH

# **GENERAL NOTES**

- 1. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR DELINEATION OF ALL ASSEMBLIES WITHIN THEIR RESPECTIVE PORTIONS OF WORK.
- 2. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONFIGURATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- 3. CONTRACTOR SHALL VERIFY FINAL CONFIGURATION OF ALL EQUIPMENT, INCLUDING CONTRACTOR FURNISHED ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ASSOCIATED WITH EQUIPMENT, WITH

OWNERS AND ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION

- 4. ALL DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISH FACE OF WALL UNLESS OTHERWISE NOTED.
- 5. COORDINATE OWNER SIGNAGE WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 6. PROVIDE MOISTURE RESISTANT GYPSUM BOARD BEHIND AND WITHIN THREE FEET OF ANY PLUMBING FIXTURE TO A HEIGHT OF 8'-0" A.F.F.
- 7. ALL INTERIOR PARTIONS SHALL BE PARTITION TYPE 6 UNLESS OTHERWISE NOTED. EXCEPTION: AT LOCATIONS WHERE ONE SIDE OF INTERIOR PARTITION FACES AN UNOCCUPIABLE SPACE, THE INTERIOR PARTITION SHALL BE TYPE 5 UNLESS OTHERWISE NOTED.
- 8. GYPSUM WALLBARD AND ACOUSTICAL INSULATION SHALL EXTEND TO 6" ABOVE CEILING IN ALL LOCATIONS UNLESS OTHERWISE NOTED.
- 9. REFERENCE SPECIFICATIONS SECTION 102800 FOR TOILET ACCESSORY SCHEDULE. TOILET ACCESSORY ITEMS DENOTED BY THE TA-X TAG. PROVIDE AS INDICATED OR ARCHITECT APPROVED EQUAL.
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- 11. ADD CONCRETE TOPPING AS REQUIRED TO LEVEL OUT FLOOR WHERE WALLS HAVE BEEN DEMOLISHED AND/OR WHERE FLOORING IS UNEVEN.
- 12. EXISTING CONSTRUCTION TO REMAIN SHALL BE PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW FINISHES.
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- 14. INFILL EXISTING UNUSED SLAB OPENINGS AND CONCRETE WALL OPENINGS, REFERENCE STRUCTURAL DRAWINGS.

### 15. NOT USED

- 16. CENTER RATED ACCESS PANELS ON WALL IF THE ABILITY TO ACCESS DUCT SMOKE DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED.
- 17. ALIGN RATED ACCESS PANELS IF THE ABILITY TO ACCESS DUCT SMOKE
- DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED. 18. WHERE ABANDONED FLOOR PENETRATIONS ARE BEING REMOVED, INFILL SLAB
- PER STRUCTURAL
- 19. AT ALL EXTERIOR WALLS PROVIDE NEW BATT INSULATION AND GYPSUM BOARD.

CONTRACTOR SHALL PROVIDE, COORDINATE AND INSTALL BLOCKING FOR THE FOLLOWING ITEMS:

TOILET ACCESSORIES, DOOR ACCESSORIES, MIRRORS, MARKERBOARDS, CHALKBOARDS, TACKBOARDS, COAT/ROBE HOOKS, WALL MOUNTED EQUIPMENT, DIAGNOSTIC SETS, SHARPS CONTAINERS, LEAD-LINED APRON RACKS, ADJUSTABLE SHELVING, MONITORS, TELEVISIONS, CAMERAS, PROJECTORS AND OTHER A/V EQUIPMENT, SIGNAGE IF NEEDED.

REFER TO PROJECT MANUAL (061000) FOR ADDITIONAL BLOCKING REQUIREMENTS, THIS IS A SUMMARY LISTING OF ITEMS AND IS NOT INTENDED AS A COMPREHENSIVE LIST. REQUIREMENTS OF THE PROJECT MANUAL SHALL STILL BE MET.

# **KEYNOTES**

061000.D07 4' X 8', 3/4" FIRE RETARDANT TREATED PLYWOOD MOUNTED VERTICALLY FROM 8" AFF TO 8'-8" AFF. 064100.A01 SOLID SURFACE WINDOW SILL, 1/4" THICK WITH 1" OVERHANG AND 1 1/2" APRON, TYPICAL AT ALL

WINDOWS. DEPTHS VARY 099123.A11 REFINISH EXISTING ELEVATOR DOOR JAMBS AND PAINT ELEVATOR JAMBS AND DOORS, COLOR TBD. PORCELAIN ENAMEL MARKERBOARDS. PROVIDE TWO

BOARDS PER LOCATION. 102123.A01 CUBICLE CURTAIN TRACK.

104400.A06 SEMI-RECESSED (TYPE 1) FIRE EXTINGUISHER 123200.B09 PLASTIC LAMINATE CLAD VERTICAL SURFACE.

ARCH.A01 EXISTING EXTERIOR WINDOW SYSTEM. FURN.A01 FURNITURE N.I.C., PROVIDED BY FURNITURE VENDOR. PLUMB.A08 MOP SINK. PLUMB.A32 DRINKING FOUNTAIN WITH BOTTLE FILLER.

# FLOOR PLAN LEGEND

XXXXXXXX	XXX	XXXXX XXX	⟨X⟩ G-X
PLAN NOTE	EQUIPMENT NUMBER	ROOM NAME/ NUMBER	FRAME ELEVATION GLASS TYPE
XXX	A8.X	XX A7.X	XX
NEW DOOR/ NUMBER	INTERIOR ELEVATION	DETAIL/ SECTION	PARTITION TYPE
	NEW WALL	EXISTING WALL	

# KEYPLAN

NOT TO SCALE

AREA 'A'

AREA 'C'

AREA 'D'

AREA 'B' AREA 'C' AREA 'E'

Addendum 03

STENGEL HILL ARCHITECTURE

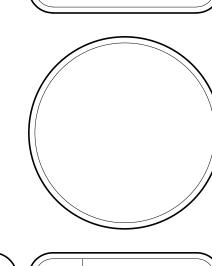
501 EAST HIGH STREET

LEXINGTON, KENTUCKY 40502

859.402.8008

502.893.1876 fax

OCUMENT



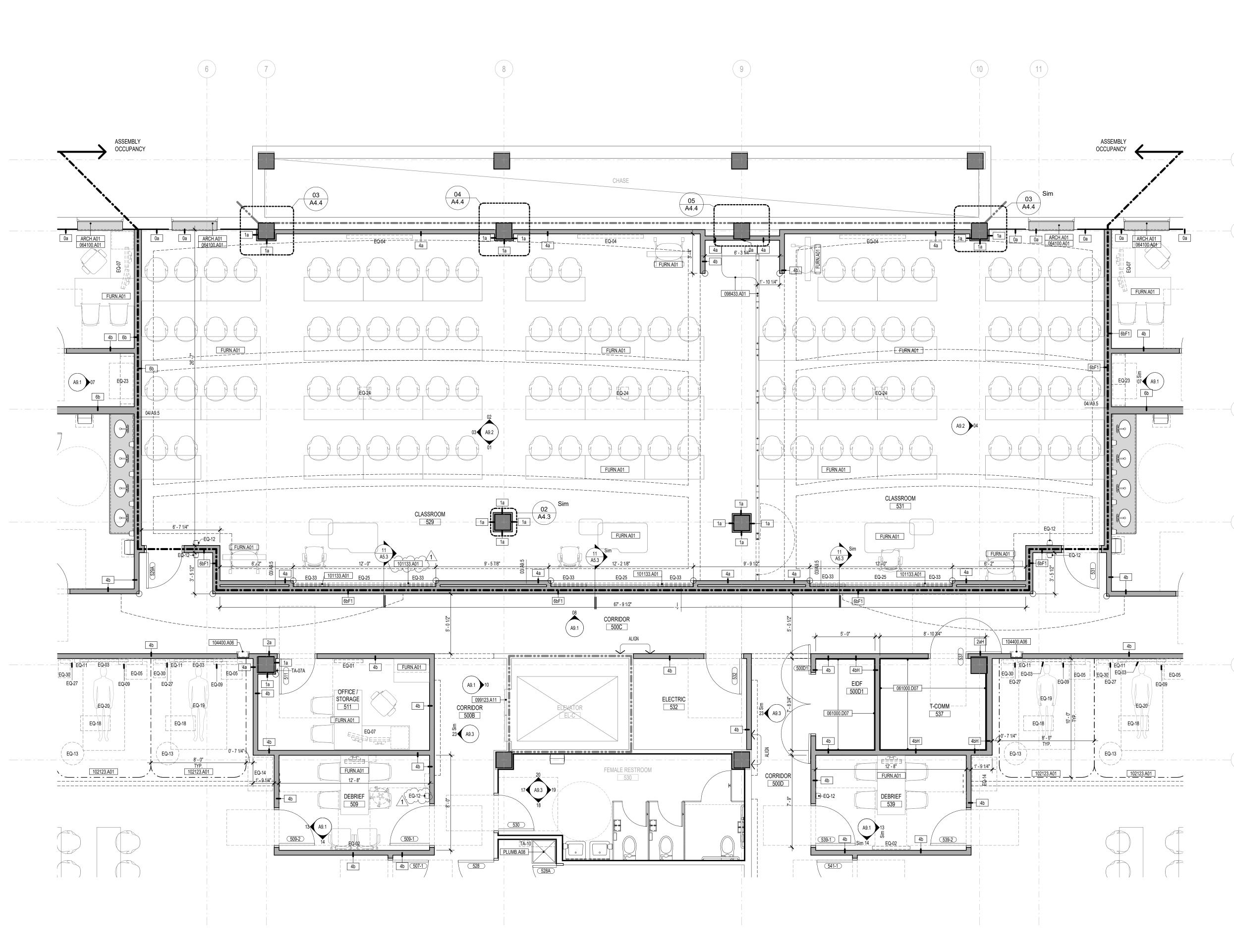
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED FIFTH FLOOR PLAN

AREA

07 July 2023 UKY2205

RENOVATION KENTUCKY

MDS FIFTH FLOC UNIVERSITY (



- 1. REFERENCE STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR DELINEATION OF ALL ASSEMBLIES WITHIN THEIR RESPECTIVE PORTIONS OF WORK.
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- 4. ALL DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISH FACE OF WALL UNLESS OTHERWISE NOTED.
- 5. COORDINATE OWNER SIGNAGE WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 6. PROVIDE MOISTURE RESISTANT GYPSUM BOARD BEHIND AND WITHIN THREE FEET OF ANY PLUMBING FIXTURE TO A HEIGHT OF 8'-0" A.F.F.
- 7. ALL INTERIOR PARTIONS SHALL BE PARTITION TYPE 6 UNLESS OTHERWISE NOTED. EXCEPTION: AT LOCATIONS WHERE ONE SIDE OF INTERIOR PARTITION FACES AN UNOCCUPIABLE SPACE, THE INTERIOR PARTITION SHALL BE TYPE 5 UNLESS OTHERWISE NOTED.
- 8. GYPSUM WALLBARD AND ACOUSTICAL INSULATION SHALL EXTEND TO 6" ABOVE CEILING IN ALL LOCATIONS UNLESS OTHERWISE NOTED.
- 9. REFERENCE SPECIFICATIONS SECTION 102800 FOR TOILET ACCESSORY SCHEDULE. TOILET ACCESSORY ITEMS DENOTED BY THE TA-X TAG. PROVIDE AS INDICATED OR ARCHITECT APPROVED EQUAL.
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- 12. EXISTING CONSTRUCTION TO REMAIN SHALL BE PATCHED AND REPAIRED AS REQUIRED TO RECEIVE NEW FINISHES.
- 13. PROVIDE GYPSUM RETURN AT ALL WINDOW JAMBS AND HEADS.
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PER STRUCTURAL

- 16. CENTER RATED ACCESS PANELS ON WALL IF THE ABILITY TO ACCESS DUCT SMOKE DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED.
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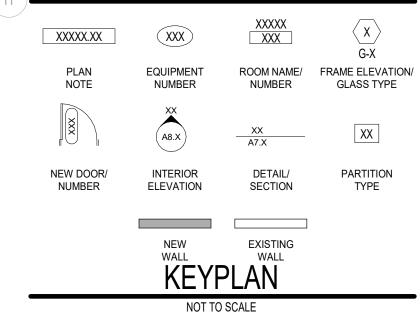
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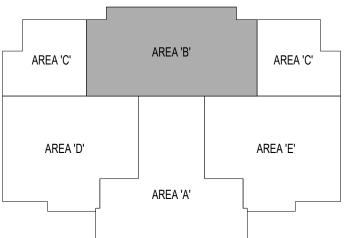
098433.A01 FABRIC ACOUSTICAL PANEL SYSTEM. 099123.A11 REFINISH EXISTING ELEVATOR DOOR JAMBS AND PAINT ELEVATOR JAMBS AND DOORS, COLOR TBD.

PORCELAIN ENAMEL MARKERBOARDS. PROVIDE TWO BOARDS PER LOCATION. 102123.A01 CUBICLE CURTAIN TRACK.

104400.A06 SEMI-RECESSED (TYPE 1) FIRE EXTINGUISHER CABINET. ARCH.A01 EXISTING EXTERIOR WINDOW SYSTEM. FURN.A01 FURNITURE N.I.C., PROVIDED BY FURNITURE VENDOR. PLUMB.A08 MOP SINK.

# FLOOR PLAN LEGEND





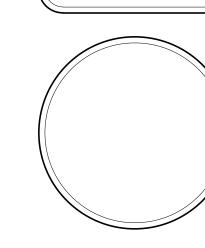


501 EAST HIGH STREET

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LEXINGTON, KENTUCKY 40502

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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED FIFTH FLOOR PLAN

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AREA

Addendum 03 8.9.2023

07 July 2023 UKY2205

OOR RENOVATION OF KENTUCKY MDS FIFTH FLOC UNIVERSITY C

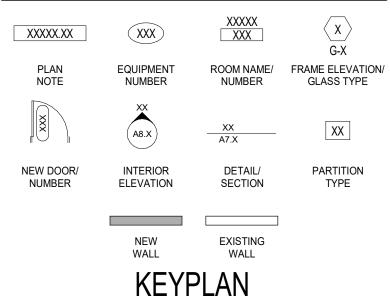
**ENLARGED** FIFTH FLOOR PLAN TRUE PLAN NORTH NORTH

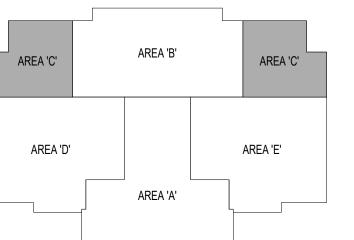
TRUE PLAN NORTH NORTH

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TRUE PLAN NORTH NORTH

1/4" = 1'-0"

STENGEL HILL ARCHITECTURE

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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED FIFTH FLOOR PLAN

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

CONT

07 July 2023 UKY2205

PLAN

NORTH NORTH

TRUE

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064100.A01 SOLID SURFACE WINDOW SILL, 1/4" THICK WITH 1" OVERHANG AND 1 1/2" APRON, TYPICAL AT ALL WINDOWS. DEPTHS VARY

099123.A11 REFINISH EXISTING ELEVATOR DOOR JAMBS AND PAINT ELEVATOR JAMBS AND DOORS, COLOR TBD. PORCELAIN ENAMEL MARKERBOARDS. PROVIDE TWO BOARDS PER LOCATION.

102123.A01 CUBICLE CURTAIN TRACK.

104400.A06 SEMI-RECESSED (TYPE 1) FIRE EXTINGUISHER CABINET. 104400.B01

PLUMB.A32 DRINKING FOUNTAIN WITH BOTTLE FILLER.

ARCH.A01 EXISTING EXTERIOR WINDOW SYSTEM. FURN.A01 FURNITURE N.I.C., PROVIDED BY FURNITURE VENDOR. PLUMB.A08 MOP SINK.

# FLOOR PLAN LEGEND

XXXXX.X	X XX		XXX XX G-	_/
PLAN NOTE	EQUIPN NUME		NAME/ FRAME ELI MBER GLASS	
XX	A8.X	XX	X	<
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	NE\ WAL		STING 'ALL	

# KEYPLAN

NOT TO SCALE AREA 'B' AREA 'C' AREA 'C' AREA 'E' AREA 'D' AREA 'A'



501 EAST HIGH STREET

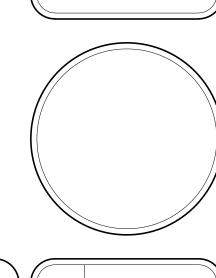
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859.402.8008

502.893.1876 fax

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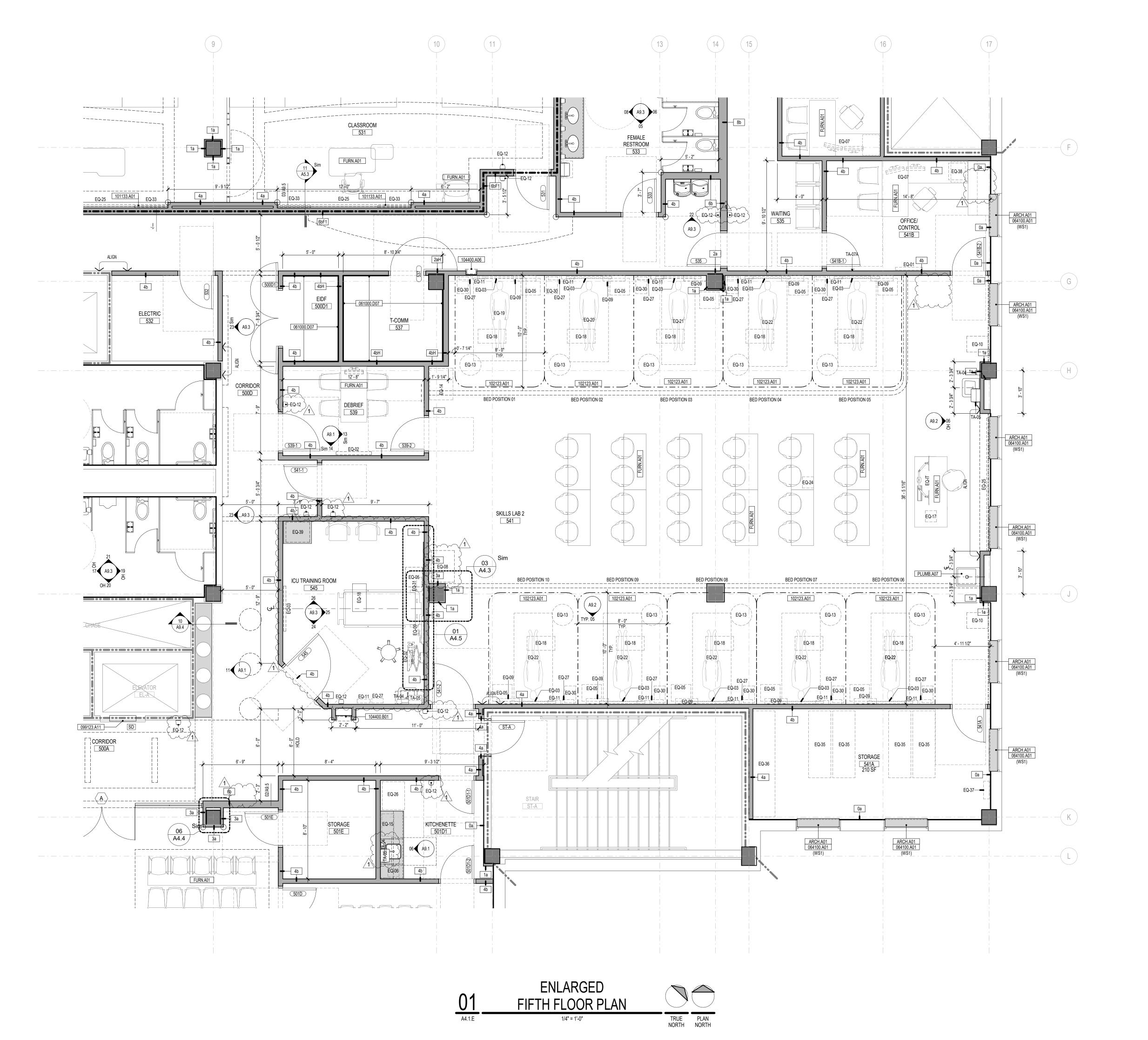
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED FIFTH FLOOR PLAN

AREA 'D'

Addendum 03

07 July 2023 UKY2205

RENOVATION : KENTUCKY MDS FIFTH FLOC UNIVERSITY C



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061000.D07 4' X 8', 3/4" FIRE RETARDANT TREATED PLYWOOD MOUNTED VERTICALLY FROM 8" AFF TO 8'-8" AFF 064100.A01 SOLID SURFACE WINDOW SILL, 1/4" THICK WITH 1" OVERHANG AND 1 1/2" APRON, TYPICAL AT ALL

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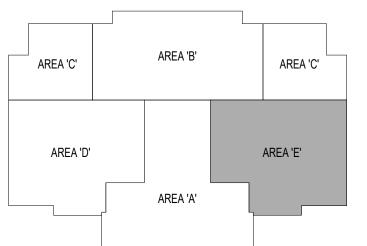
102123.A01 CUBICLE CURTAIN TRACK. 104400.A06 SEMI-RECESSED (TYPE 1) FIRE EXTINGUISHER

ARCH.A01 EXISTING EXTERIOR WINDOW SYSTEM. FURNITURE N.I.C., PROVIDED BY FURNITURE VENDOR. PLUMB.A07 CLINICAL SINK.

# FLOOR PLAN LEGEND

XXXXX.XX	XXX	XXXXX XXX	X G-X
PLAN NOTE	EQUIPMENT NUMBER	ROOM NAME/ NUMBER	FRAME ELEVATION/ GLASS TYPE
XXX	XX A8.X	XX A7.X	XX
NEW DOOR/ NUMBER	INTERIOR ELEVATION	DETAIL/ SECTION	PARTITION TYPE
	NEW WALL	EXISTING WALL	

NOT TO SCALE AREA 'B'



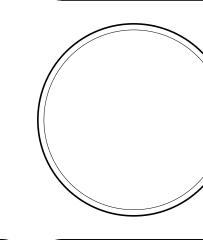


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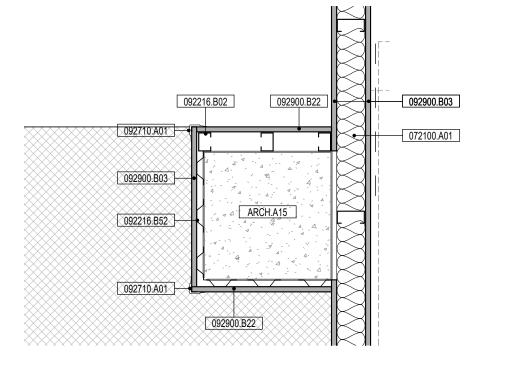
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED FIFTH FLOOR PLAN

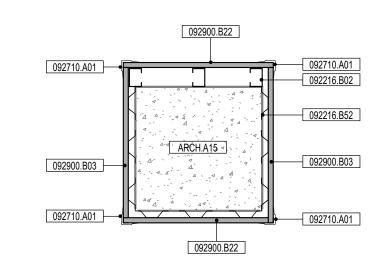
AREA

Addendum 03

07 July 2023 UKY2205

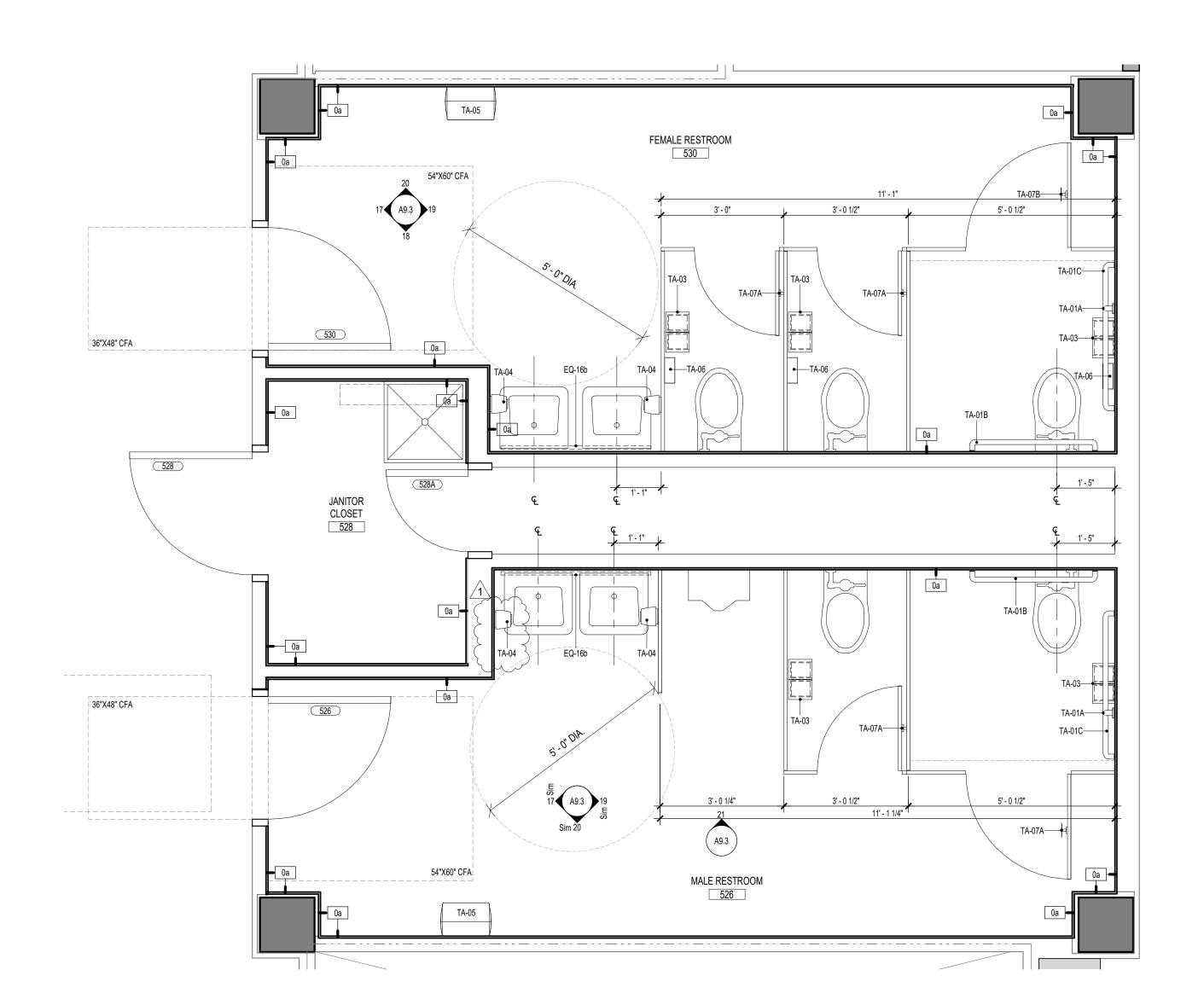
RENOVATION : KENTUCKY MDS FIFTH FLOC UNIVERSITY C



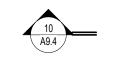


PLAN DETAIL 1" = 1'-0"

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PLAN DETAIL - EXISTING RESTROOMS



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# KEYNOTES

072100.A01 GLASS FIBER ACOUSTIC INSULATION (TYPE ?).
092216.B02 2" METAL STUDS AT 1'-4" O.C. MAXIMUM.

092216.B52 7/8" HAT CHANNELS AT 1'-4" O.C. MAXIMUM. 092710.A01 FRY REGLET DRYWALL CORNER TRIM, DMCT-1250, 1-1/4".

092900.B03 5/8" VERTICAL GYPSUM WALL BOARD. 092900.B22 5/8" HORIZONTAL GYPSUM WALL BOARD.
ARCH.A15 EXISTING CONSTRUCTION TO REMAIN. ARCH.A17 EXISTING CMU MASONRY TO REMAIN.

# FLOOR PLAN LEGEND

XXXXX.XX	XXX	XXXXX XXX	X G-X
PLAN NOTE	EQUIPMENT NUMBER	ROOM NAME/ NUMBER	FRAME ELEVATION GLASS TYPE
XXX	A8.X	XX A7.X	XX
NEW DOOR/ NUMBER	INTERIOR ELEVATION	DETAIL/ SECTION	PARTITION TYPE
	NEW WALL	EXISTING WALL	



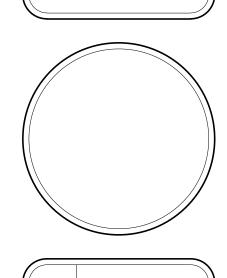
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED PLAN DETAILS

07 July 2023

**HEADWALL** 

03 A4.5

HEADWALL REVEAL

**HEADWALL REVEAL** 

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- REQUIRED TO MAINTAIN RATING AT ALL PENETRATIONS THROUGH NEW FIRE RATED ASSEMBLIES.
- 11. ADD CONCRETE TOPPING AS REQUIRED TO LEVEL OUT FLOOR WHERE WALLS HAVE BEEN DEMOLISHED AND/OR WHERE FLOORING IS UNEVEN.

12. EXISTING CONSTRUCTION TO REMAIN SHALL BE PATCHED AND REPAIRED AS

- REQUIRED TO RECEIVE NEW FINISHES.
- 13. PROVIDE GYPSUM RETURN AT ALL WINDOW JAMBS AND HEADS.
- 14. INFILL EXISTING UNUSED SLAB OPENINGS AND CONCRETE WALL OPENINGS, REFERENCE STRUCTURAL DRAWINGS.
- 15. NOT USED
- 17. ALIGN RATED ACCESS PANELS IF THE ABILITY TO ACCESS DUCT SMOKE DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED.
- 18. WHERE ABANDONED FLOOR PENETRATIONS ARE BEING REMOVED, INFILL SLAB PER STRUCTURAL

16. CENTER RATED ACCESS PANELS ON WALL IF THE ABILITY TO ACCESS DUCT SMOKE DETECTOR AND OR REMOVE ACTUATOR CAN BE MAINTAINED.

19. <u>AT ALL EXTERIOR WALLS PROVIDE NEW BATT INSULATION AND GYPSUM BOARD.</u>

CONTRACTOR SHALL PROVIDE, COORDINATE AND INSTALL BLOCKING FOR THE FOLLOWING ITEMS:

TOILET ACCESSORIES, DOOR ACCESSORIES, MIRRORS, MARKERBOARDS, CHALKBOARDS, TACKBOARDS, COAT/ROBE HOOKS, WALL MOUNTED EQUIPMENT, DIAGNOSTIC SETS, SHARPS CONTAINERS, LEAD-LINED APRON RACKS, ADJUSTABLE SHELVING, MONITORS, TELEVISIONS, CAMERAS, PROJECTORS

AND OTHER A/V EQUIPMENT, SIGNAGE IF NEEDED. REFER TO PROJECT MANUAL (061000) FOR ADDITIONAL BLOCKING REQUIREMENTS, THIS IS A SUMMARY LISTING OF ITEMS AND IS NOT INTENDED AS A COMPREHENSIVE LIST.
REQUIREMENTS OF THE PROJECT MANUAL SHALL STILL BE MET.

# KEYNOTES

061000.D13	5/8" PLYWOOD.	•
072100.A01	GLASS FIBER ACOUSTIC INSULATION (TYPE ?).	
092216.B04	3 5/8" METAL STUDS AT 1'-4" O.C. MAXIMUM.	
092900.B03	5/8" VERTICAL GYPSUM WALL BOARD.	
092900.B83	FRY REGLET TRIM MODEL MWPT2575.	
092900.B84	FRY REGLET TRIM MODEL MWP2575.	
092900.B85	1/4" FRY REGLET MILLWORK CLEAT 25.	
097753.A08	3/4" MILLWORK WALL ON SUBSTRATE.	

# FLOOR PLAN LEGEND

_				
	XXXXXX.XX	XXX	XXXXX XXX	⟨X⟩ G-X
	PLAN NOTE	EQUIPMENT NUMBER	ROOM NAME/ NUMBER	FRAME ELEVATIO GLASS TYPE
	XXX	A8.X	XX 	XX
	NEW DOOR/ NUMBER	INTERIOR ELEVATION	DETAIL/ SECTION	PARTITION TYPE
		NEW WALL	EXISTING WALL	

**HEADWALL** 



501 EAST HIGH STREET

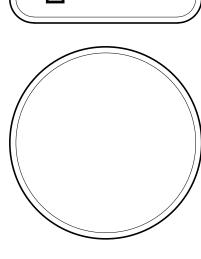
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ENLARGED PLAN DETAILS

07 July 2023 UKY2205

A4.5

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

- 1. REFERENCE, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR DELINEATION OF ALL ASSEMBLIES WITHIN THEIR RESPECTIVE PORTIONS OF WORK.
- CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN EXISTING SITE CONDITIONS AND CONFIGURATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- 3. CONTRACTOR SHALL VERIFY FINAL CONFIGURATION OF ALL EQUIPMENT, INCLUDING CONTRACTOR FURNISHED ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ASSOCIATED WITH EQUIPMENT, WITH OWNER AND ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 4. ARCHITECTURAL CEILING PLANS SHALL GOVERN OVER MECHANICAL PLUMBING, AND ELECTRICAL PLANS REGARDING EXACT LOCATIONS OF CEILING GRIDS, LIGHT FIXTURES, DIFFUSERS, AND OTHER CEILING MOUNTED ITEMS. DISCREPANCIES IN QUANTITY AND/OR ORIENTATION BETWEEN ARCHITECTURAL, ELECTRICAL, MECHANICAL AND/OR PLUMBING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF PRICING. CONTRACTOR SHALL VERIFY FINAL LOCATIONS OF ALL CEILING AND WALL MOUNTED ITEMS WITH THE ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. ANY ITEMS INCORRECTLY PLACED WITHOUT THE VERIFICATION OF THE ARCHITECT AND ENGINEER SHALL BE RELOCATED PER DIRECTION OF THE ARCHITECT AT NO EXPENSE TO THE PROJECT.
- 5. ALL CEILING MOUNTED ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, ETC...) SHALL BE CENTERED IN CEILING TILES, SOFFITS OR GYPSUM WALLBOARD CEILINGS AND/OR ALIGNED WITH ADJACENT CEILING MOUNTED ITEMS UNLESS OTHERWISE NOTED.
- 6. COORDINATE PLACEMENT OF GYPSUM WALLBOARD CONTROL JOINTS WITH ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTROL JOINTS SHALL BE WHERE INDICATED AND/OR SPACING SHALL NOT EXCEED 30-0". (092116)
- CEILING TILE BEING LESS THAN 6".
- OF WALL UNLESS OTHERWISE NOTED.
- 10. CONTRACTOR SHALL PROVIDE 24" X 24" ACCESS PANELS AT LOCATIONS OF MECHANICAL DAMPERS AND ALL OTHER OPERABLE PLUMBING, MECHANICAL, OR ELECTRICAL ITEMS LOCATED ABOVE GYPSUM BOARD CEILINGS TO FACILITATE SERVICE ACCESS. PAINT PANEL TO MATCH ADJACENT SURFACE.

095421.A01 102123.A01 ELECT.A22

COVE LIGHT FIXTURE. REFER TO ELECTRICAL

STENGEL HILL ARCHITECTURE

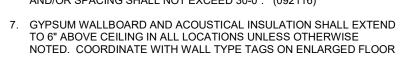
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- 8. A CUT 2'-0" x 4'-0" CEILING TILE SHALL BE USED IN ANY ROOM WHERE 2'-0" X 2'-0" CEILING GRID CREATES AN EDGE CONDITION OF A
- 9. ALL DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISHED FACE
- 11. ALL CEILING HEIGHTS SHALL BE +9'-0" A.F.F. UNLESS OTHERWISE
- 12. HORIZONTAL TOP OF WALL BRACING SHALL BE PROVIDED AT ALL WALLS THAT DO NOT EXTEND TO DECK. BRACE TO INTERSECTING PERPENDICULAR PARTITION AT A 45 DEGREE ANGLE, 3'-0" MINIMUM FROM INTERSECTION. REFER TO SHEET NOTE 01 FOR SPECIAL BRACING CONDITION / LOCATIONS.

# KEYNOTES

ACOUSTICAL METAL LAY-IN CEILING TILE. CUBICLE CURTAIN TRACK.

LEGEND

KEYPLAN

NOT TO SCALE

AREA 'B'

AREA 'A'

AREA 'C'

AREA 'E'

AREA 'C'

AREA 'D'

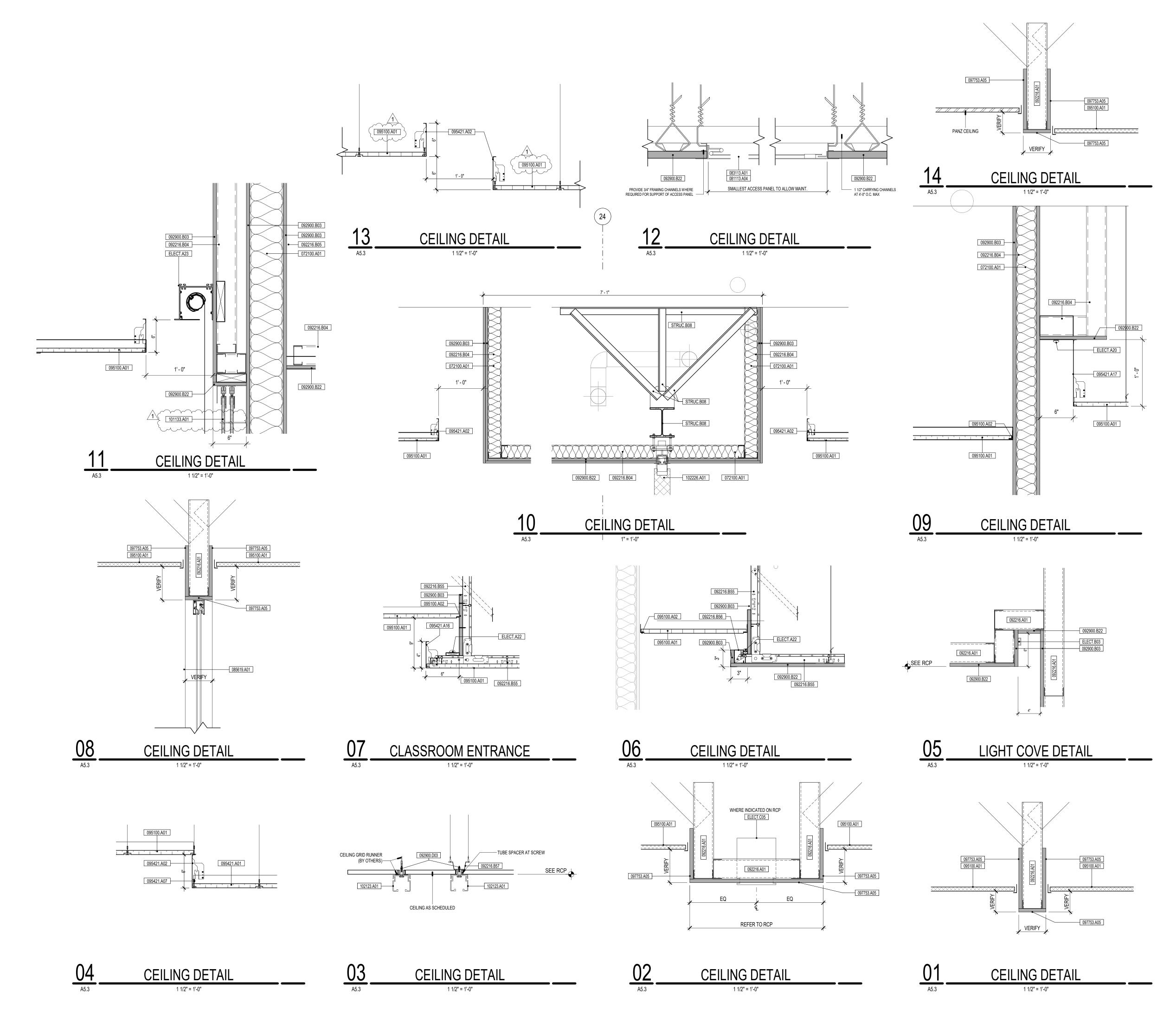
ENLARGED FIFTH FLOOR CEILING PLAN

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

07 July 2023 UKY2205

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

CONT



- 1. REFERENCE, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR DELINEATION OF ALL ASSEMBLIES WITHIN THEIR RESPECTIVE PORTIONS OF WORK.
- CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN EXISTING SITE CONDITIONS AND CONFIGURATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- 3. CONTRACTOR SHALL VERIFY FINAL CONFIGURATION OF ALL EQUIPMENT, INCLUDING CONTRACTOR FURNISHED ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ASSOCIATED WITH EQUIPMENT, WITH OWNER AND ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- 4. ARCHITECTURAL CEILING PLANS SHALL GOVERN OVER MECHANICAL, PLUMBING, AND ELECTRICAL PLANS REGARDING EXACT LOCATIONS OF CEILING GRIDS, LIGHT FIXTURES, DIFFUSERS, AND OTHER CEILING MOUNTED ITEMS. DISCREPANCIES IN QUANTITY AND/OR ORIENTATION BETWEEN ARCHITECTURAL, ELECTRICAL, MECHANICAL AND/OR PLUMBING DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE SUBMISSION OF PRICING. CONTRACTOR SHALL VERIFY FINAL LOCATIONS OF ALL CEILING AND WALL MOUNTED ITEMS WITH THE ARCHITECT AND ENGINEER PRIOR TO THE COMMENCEMENT OF WORK. ANY ITEMS INCORRECTLY PLACED WITHOUT THE VERIFICATION OF THE ARCHITECT AND ENGINEER SHALL BE RELOCATED PER DIRECTION OF THE ARCHITECT AT NO EXPENSE TO THE PROJECT.
- 5. ALL CEILING MOUNTED ITEMS (LIGHT FIXTURES, SPRINKLER HEADS, ETC...) SHALL BE CENTERED IN CEILING TILES, SOFFITS OR GYPSUM WALLBOARD CEILINGS AND/OR ALIGNED WITH ADJACENT CEILING MOUNTED ITEMS UNLESS OTHERWISE NOTED.
- 6. COORDINATE PLACEMENT OF GYPSUM WALLBOARD CONTROL JOINTS WITH ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION. CONTROL JOINTS SHALL BE WHERE INDICATED AND/OR SPACING SHALL NOT EXCEED 30-0". (092116)
- 7. GYPSUM WALLBOARD AND ACOUSTICAL INSULATION SHALL EXTEND TO 6" ABOVE CEILING IN ALL LOCATIONS UNLESS OTHERWISE NOTED. COORDINATE WITH WALL TYPE TAGS ON ENLARGED FLOOR
- A CUT 2'-0" x 4'-0" CEILING TILE SHALL BE USED IN ANY ROOM WHERE 2'-0" X 2'-0" CEILING GRID CREATES AN EDGE CONDITION OF A CEILING TILE BEING LESS THAN 6".
- 9. ALL DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISHED FACE OF WALL UNLESS OTHERWISE NOTED.
- 10. CONTRACTOR SHALL PROVIDE 24" X 24" ACCESS PANELS AT LOCATIONS OF MECHANICAL DAMPERS AND ALL OTHER OPERABLE PLUMBING, MECHANICAL, OR ELECTRICAL ITEMS LOCATED ABOVE GYPSUM BOARD CEILINGS TO FACILITATE SERVICE ACCESS. PAINT PANEL TO MATCH ADJACENT SURFACE.
- 11. ALL CEILING HEIGHTS SHALL BE +9'-0" A.F.F. UNLESS OTHERWISE
- 12. HORIZONTAL TOP OF WALL BRACING SHALL BE PROVIDED AT ALL WALLS THAT DO NOT EXTEND TO DECK. BRACE TO INTERSECTING PERPENDICULAR PARTITION AT A 45 DEGREE ANGLE, 3'-0" MINIMUM FROM INTERSECTION. REFER TO SHEET NOTE 01 FOR SPECIAL BRACING CONDITION / LOCATIONS.

# KEYNOTES

072100.A01	GLASS FIBER ACOUSTIC INSULATION (TYPE ?).
081113.A04	FRAME ANCHOR.
083113.A01	24" X 24" LOCKING TAMPER RESISTANT CEILING ACCESS PANEL IN CUSTOM FACTORY FINISH TO MATCH ADJACENT CEILING. KEYCORE TO BE ON MASTER KEY SYSTEM, COORDINATE WITH UK KEY SHOP. COORDINATE EXACT LOCATION WITH ARCHITECT AND ENGINEER.
085619.A01	C.R. LAWRENCE CUSTOM SHARYN FRAMELESS
	PASS-THRU WINDOW WITH 1/4" TEMPERED GLASS DOORS, SATIN ANODIZED FINISH, AND PUSH BUTTON LOCK. REFER TO PLANS AND ELEVATIONS.
092216.A01	METAL STUD, REFERENCE FLOOR PLAN FOR WALL TYPE.
092216.B04	3 5/8" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B05	6" METAL STUDS AT 1'-4" O.C. MAXIMUM.
092216.B55	DRYWALL SUSPENSION SYSTEM.
092216.B56	CHANNEL MOULDING.
092216.B57	CONTINUOUS 7/8" METAL FURRING CHANNEL ATTACHED TO STRUCTURE ABOVE.
092900.B03	5/8" VERTICAL GYPSUM WALL BOARD.
092900.B22	5/8" HORIZONTAL GYPSUM WALL BOARD.
092900.D03	#8 X 2" SCREWS AT 24" OC.
095100.A01	SUSPENDED ACOUSTICAL CEILING TILE SYSTEM.
095100.A02	EXTRUDED ALUMINUM PERIMETER TRIM CEILING SYSTEM.
095421.A01	ACOUSTICAL METAL LAY-IN CEILING TILE.
095421.A02	6"COMPASSO STANDARD TRIM, REFER TO INTERIOR DESIGN.
095421.A07	MAIN TEE, REFER TO PRODUCT DRAWINGS.
095421.A16	4" COMPASSO STANDARD TRIM, REFER TO INTERIOR DESIGN.
095421.A17	12" COMPASSO STANDARD TRIM, REFER TO INTERIOR DESIGN.
097753.A05	VYNAL WALL COVERING (SOFITS ONLY). PANEL LAMINATE SELECTIONS TO BE SUBMITTED TO ARCHITECT/INTERIOR DESIGNER, SEE INTERIOR DESIGN DRAWINGS.
101133.A01	PORCELAIN ENAMEL MARKERBOARDS. PROVIDE TWO BOARDS PER LOCATION.
102123.A01	CUBICLE CURTAIN TRACK.
102226.A01	SLIDING DIVIDER PARTITION, MODERNFOLD SINGLE PANEL WITH ACUSTI-SEAL ENCORE. PARTITION COLOR TO BE SUBMITTED TO ARCHITECT, SEE SPECS
ELECT.A20	GLOW EDGE CONTINUOUS STRIP LIGHT, REFER TO ELECTRICAL DRAWINGS.
ELECT.A22	COVE LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
ELECT.A23	PROJECTOR. REFER TO ELECTRICAL AND AV DRAWINGS.
ELECT.B03	RECESSED EMERGENCY GENERATOR ANNUNCIATOR.
ELECT.C05 STRUC.B08	RECESSED LIGHT FIXTURE. STRUCTURAL STEEL PARTITION SUPPORT.

SUPPLY AIR DIFFUSER	RETURN AIR GRILLE	EXHAUST AIR GRILLE	2X4 LIGHT
C=====			0
WALL MOUNT LINEAR	RECESSED LINEAR	SUSPENDED LINEAR	RECESSED LIGHT
<b>Q</b>	$\langle lacktright \rangle$		
RECESSED WALL WASHER	EXIT SIGN	PROJECTOR	PROJECTOR SCREEN



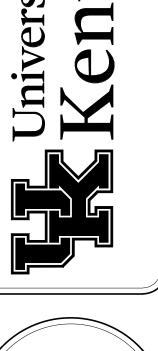
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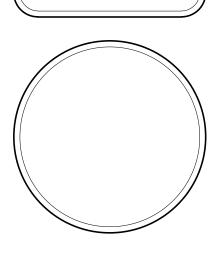
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY **CEILING DETAILS** 

07 July 2023

UKY2205

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

- 1. ALL DIMENSIONS ARE FROM FACE OF FINISH WALL TO FACE OF FINISH WALL UNLESS OTHERWISE NOTED.
- 2. ALL CASEWORK SHALL BE FABRICATED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE MOST CURRENT EDITION
  OF THE ARCHITECTURAL WOODWORK INSTITUTE (AWI)
- 3. ALL CASEWORK SHALL BE FABRICATED IN ACCORDANCE WITH ALL APPLICABLE PROVISIONS OF THE AMERICANS WITH DISABILITIES ACT (ADA), INCLUDING REQUIRED 27" KNEESPACE
- 4. PROVIDE ONE GROMMET AT EACH OPEN KNEESPACE AND/OR
- 5. ABOVE COUNTER WALL CABINETS SHALL BE MOUNTED AT 7' 2" A.F.F. TO TOP OF CABINET UNLESS NOTED OTHERWISE.
- INFORMATION.
- INTERIOR DESIGN DRAWINGS FOR DELINEATION OF ALL ASSEMBLIES WITHIN THEIR RESPECTIVE PORTIONS OF WORK.
- EQUIPMENT, INCLUDING CONTRACTOR FURNISHED THE ARCHITECT PRIOR TO COMMENCEMENT OF
- 10. WHERE DIMENSIONS ARE NOT SPECIFICALLY INDICATED FOR POWER AND SYSTEMS OUTLET, ALIGN OUTLETS SHOWN ON INTERIOR ELEVATIONS.
- DIMENSION ON BOTH SIDES WHEN CABINETRY IS BOUND BY ADJACENT CONSTRUCTION.
- (MAXIMUM).
- FINISHES.
- 16. REFERENCE FINISH LEGEND ON INTERIOR DESIGN DRAWINGS
- 17. REFERENCE SPECIFICATION SECTION 102800 FOR INFORMATION REGARDING TOILET ACCESSORIES DENOTED BY
- 18. WALL EXTENDERS REQUIRED AT COMPACT LAMINATE WALLS

- QUALITY STANDARDS.

- 6. REFERENCE VENDOR DRAWINGS FOR ADDITIONAL CASEWORK
- REFERENCE MECHANICAL, PLUMBING, ELECTRICAL AND
- 8. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND CONFIGURATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- 9. CONTRACTOR SHALL VERIFY FINAL CONFIGURATION OF ALL ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL ITEMS ASSOCIATED WITH EQUIPMENT, WITH THE OWNER AND CONSTRUCTION.
- HORIZONTALLY ON CENTERLINE OF MODULAR CASEWORK 11. REFERENCE SPECIFICATION SECTION 10XXXX FOR TOILET

AND TA-XX TYPICAL AT EVERY SINK UNLESS OTHERWISE

ACCESSORY ITEMS DENOTED AS TA-X TAGS. PROVIDE A TA-XX

- 12. WHERE APPLICABLE FILLER PANELS SHALL BE AN EQUAL
- 13. PROVIDE COUNTERTOP SUPPORT BRACKETS AT 3'-0" O.C.
- 14. REFER TO INTERIOR DESIGN DRAWINGS FOR CASEWORK
- 15. ALL OUTSIDE CORNERS OF COUNTERTOPS TO HAVE 2" RADIUS.
- FOR MATERIAL SPECS DENOTED BY 'ID.XX' TAGS
- 'TA-XX' TAGS.
- 19. COORDINATE WALL INFRASTRUCTURE WITH ELECTRICAL AND AV DRAWINGS FOR LOCATIONS AND REQUIREMENTS.

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STENGEL HILL

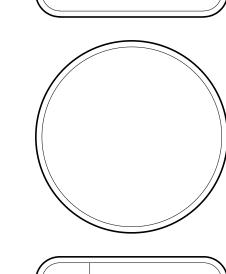
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY INTERIOR ELEVATIONS

07 July 2023 UKY2205

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

CASEWORK LEGEND

A1	A2/A3 PENCIL/KEYBOARD	A4/A5	A6
NO KNEESPACE RAIL	KNEESPACE RAIL (2") (NO DRAWER/DRAWER)	KNEESPACE RAIL (4 1/2") (NO DRAWER/DRAWER)	KNEESPACE PAI (ACCESSIBLE
		ABINETS	
B1	B2	B3	2 DDAWEDS (6
1 HINGED DOOR 1 ADJUSTABLE SHELF  B5	2 HINGED DOORS 1 ADJUSTABLE SHELF  B6	1 DRAWER (6") 1 HINGED DOOR 1 ADJUSTABLE SHELF  B7	2 DRAWERS (6 2 HINGED DOO 1 ADJUSTABLE SI B8
3 DRAWERS TOP DRAWER (6") 2 EQUAL DRAWERS	4 DRAWERS TOP DRAWER (6") 3 EQUAL DRAWERS	TOP DRAWERS (6") 1 FILE DRAWER FULL EXTENSION SLIDES	2 FILE DRAWE FULL EXTENSION S
	WALL C	ABINETS	
W1	W2	W3	W4
1 HINGED DOOR 1 ADJUSTABLE SHELF W5	1 HINGED DOOR 2 ADJUSTABLE SHELVES W6	2 HINGED DOORS 1 ADJUSTABLE SHELF W7	2 HINGED DOO 2 ADJUSTABLE SHI W8
	CASEWO	RK SIZES	
	TYPE H	EIGHT MODIFIER	

WIDTH DEPTH

CASEWORK MODIFIERS

SINK BASE CYLINDER LOCK (FIXED PANEL AS REQUIRED) (ALL DOORS/DRAWERS)

SAFETY GLASS DOOR

CUSTOM DIMENSION

REFERENCE SHEET A9.01 FOR COMPLETE LISTING OF INTERIOR ELEVATION GENERAL NOTES

COORDINATE WALL INFRASTRUCTURE WITH ELECTRICAL AND AV DRAWINGS FOR LOCATIONS AND REQUIREMENTS.

# KEYNOTES

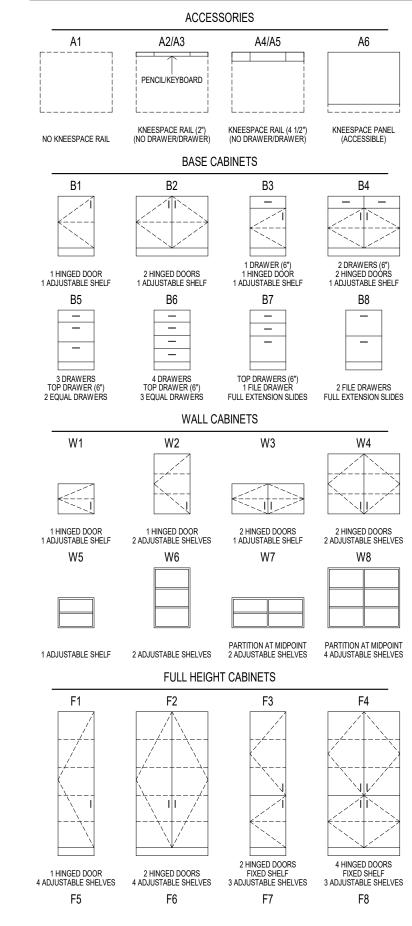
064100.A01 SOLID SURFACE WINDOW SILL, 1/4" THICK WITH 1" OVERHANG AND 1 1/2" APRON, TYPICAL AT ALL WINDOWS. DEPTHS VARY SOLID SURFACE WALL PROTECTION. SEE INTERIOR FINISH DRAWINGS & INTERIOR ELEVATION FOR LOCATION/DESIGN/COLOR. 064100.B01 097753.A06 COMPACT LAMINATE PANEL. LAMINATE ON SUBSTRATE. 097753.A07 PORCELAIN ENAMEL MARKERBOARDS. PROVIDE TWO BOARDS PER LOCATION. 101133.A01

SLIDING DIVIDER PARTITION, MODERNFOLD SINGLE PANEL WITH ACUSTI-SEAL ENCORE. PARTITION COLOR TO BE SUBMITTED TO ARCHITECT, SEE SPECS.. CORNER GUARD, REFERENCE I.D. DRAWINGS FOR 102600.A01 SHEET WALL PROTECTION. SEE INTERIOR FINISH DRAWINGS & INTERIOR ELEVATION FOR LOCATION/DESIGN/COLOR.

CUBICLE CURTAIN TRACK.

1/4" SOLID SURFACE WALL PROTECTION, SEE INTERIOR DESIGN DRAWINGS. 102600.A06 PLASTIC LAMINATE CLAD SLOPED TOP. 123200.B08 EXISTING EXTERIOR WINDOW SYSTEM. ARCH.A01 FURNITURE N.I.C., PROVIDED BY FURNITURE FURN.A01 PLUMB.A07 CLINICAL SINK.

# CASEWORK LEGEND



CASEWORK SIZES

CASEWORK MODIFIERS

SINK BASE CYLINDER LOCK
(FIXED PANEL AS REQUIRED) (ALL DOORS/DRAWERS)

SAFETY GLASS DOOR



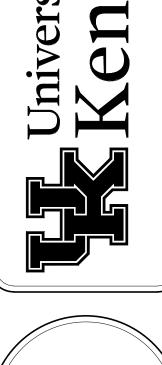
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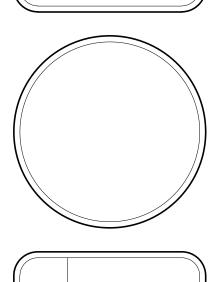
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY INTERIOR ELEVATIONS

Addendum 03 8.9.2023 07 July 2023

A9.2

UKY2205

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

REFERENCE SHEET A9.01 FOR COMPLETE LISTING OF INTERIOR ELEVATION GENERAL NOTES

COORDINATE WALL INFRASTRUCTURE WITH ELECTRICAL AND AV DRAWINGS FOR LOCATIONS AND REQUIREMENTS.

# **KEYNOTES**

093000.A05 WALL TILE AS SCHEDULED. (097)753.A07 LAMINATE ON SUBSTRATE. \/1 PHENOLIC CORE FLOOR MOUNT TOILET 102113.A01

102600.A01 CORNER GUARD, REFERENCE I.D. DRAWINGS FOR 102600.A04 SHEET WALL PROTECTION. SÉE INTERIOR FINISH DRAWINGS & INTERIOR ELEVATION FOR LOCATION/DESIGN/COLOR.

102600.A06 1/4" SOLID SURFACE WALL PROTECTION, SEE INTERIOR DESIGN DRAWINGS PLASTIC LAMINATE REMOVABLE ENCLOSURE

CASEWORK LEGEND

ACCESSORIES

BASE CABINETS

WALL CABINETS

FULL HEIGHT CABINETS

CASEWORK SIZES

CASEWORK MODIFIERS

2 HINGED DOORS FIXED SHELF 3 ADJUSTABLE SHELVES

F7

A4/A5

1 DRAWER (6") 1 HINGED DOOR 1 ADJUSTABLE SHELF

A2/A3

2 HINGED DOORS 1 ADJUSTABLE SHELF

W1

STENGEL HILL

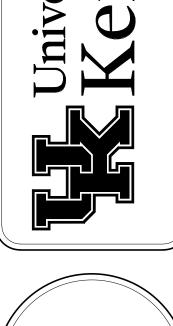
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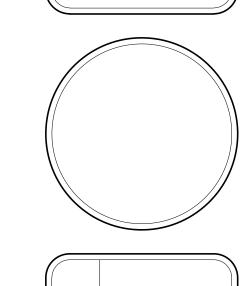
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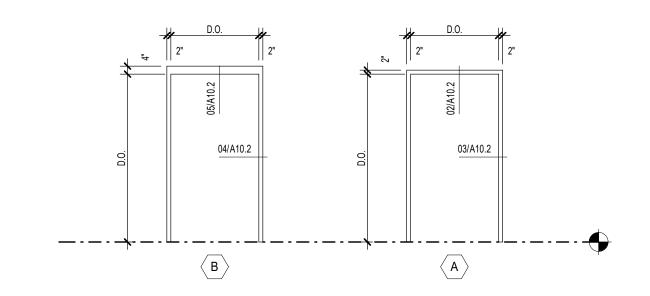
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY INTERIOR ELEVATIONS

> Addendum 03 8.9.2023 07 July 2023

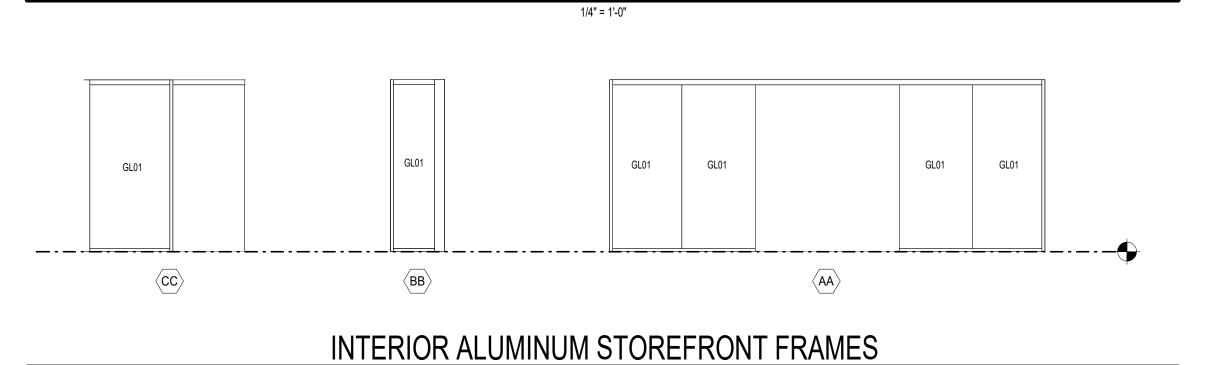
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A9.3

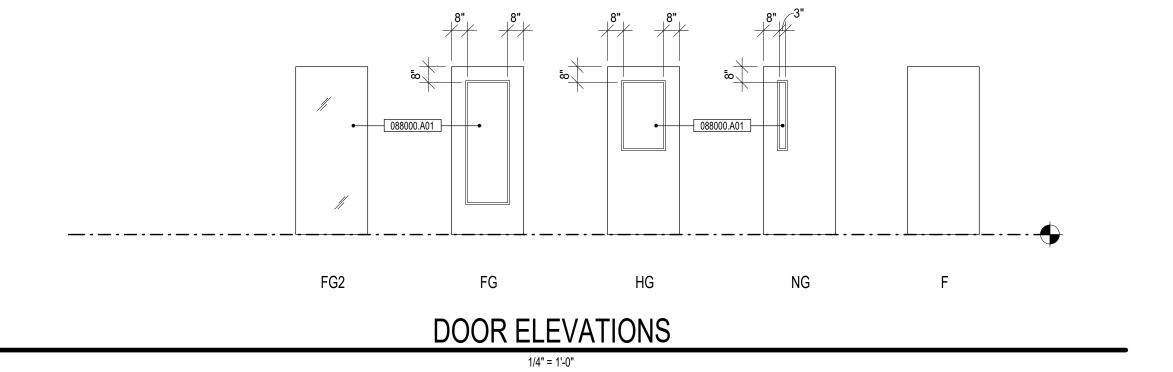
						OPENI	NG SCHE	DULE							
DOOR		DOOR OF	PENING SIZE		OOR	GLASS		AME		DETAILS		HARDWARE		DOOR	
NUMBER	ROOM	WIDTH	HEIGHT		ELEVATION	TYPE		ELEVATION	HEAD	JAMB		GROUP	LABEL	NUMBER	REMARKS
500D1 501	EIDF STUDENT	5' - 0" 6' - 0"	7' - 0" 6' - 11 1/2"	SC GL	F FG2		HM	A				CK02 M01		500D1 501	
	SUCCESS CENTER	0 0	0/2		. 02	G-1									
501A	ENTRY/ WAITING	3' - 0"	6' - 11 1/2"	SC/GL	FG	G-1						C01A		501A	
501AA	STUDENT	3' - 0"	6' - 11 1/2"	AL/GL	FG									501AA	
504B	SUCCESS CENTER	01 01	71 011	00/01										504B	
501B	RECRUITER OFFICE	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03		501B	
501C	RECRUITER OFFICE	3' - 0"	7' - 0"	SC/GL	NG		НМ	А				03		501C	
501D	CONFERENCE ROOM	3' - 0"	7' - 0"	SC/GL	NG	G-1	HM	A				03		501D	
501D1-1	KITCHENETTE	3' - 0"	7' - 0"	НМ	F		НМ	Α				C01		501D1-1	
501D1-2	KITCHENETTE	3' - 0"	7' - 0"	НМ	F		HM	Α				02		501D1-2	
501E	STORAGE	3' - 0"	7' - 0"	HM	F		HM	A				04		501E	
503-1	STANDARDIZED PATIENT EXAM	3' - 4"	7' - 0"	SC	F		HM	A				C01		503-1	
503-2	SKILLS LAB 1	3' - 4"	7' - 0"	SC	F		HM	Α				02		503-2	
505-1	STANDARDIZED PATIENT EXAM	3' - 4"	7' - 0"	SC	F		HM	A				C01		505-1	
505-2	SKILLS LAB 1	3' - 4"	7' - 0"	SC	F		HM	A				02		505-2	
507-1	SKILLS LAB 1	3' - 0"	7' - 0"	SC/GL	NG	G-1	HM	A				C01C		507-1	
507-2	SKILLS LAB 1	3' - 8"	7' - 0"	SC/GL	NG	G-1	HM	A				C01B		507-2	
507A	STORAGE	3' - 0"	7' - 0"	HM	F		HM	A				C01D		507A	
507B-1	OFFICE/ CONTROL	3' - 0"	7' - 0"	SC/GL	NG		НМ	А				03		507B-1	
507B-2	OFFICE/ CONTROL	3' - 0"	7' - 0"	SC/GL	NG	G-1	НМ	А				03		507B-2	
509-1	DEBRIEF	3' - 4"	7' - 0"	SC	F		НМ	Α				C01		509-1	
509-2	DEBRIEF	3' - 0"	7' - 0"	SC	F		HM	Α				02		509-2	
511	OFFICE / STORAGE	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03A		511	
513	WAITING	3' - 0"	7' - 0"	SC/GL	FG	G-1	HM	Α				C01C		513	
513A	OFFICE	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03		513A	
513B	OFFICE	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03		513B	
513C 513D	OFFICE OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	SC/GL SC/GL	NG NG		HM HM	A A				03		513C 513D	
515 515	MALE	3' - 0"	7' - 0"	SC SC	F		HM	A				A01A		515	
	RESTROOM														
526	MALE RESTROOM	3' - 0"	7' - 0"	SC	F		HM	Α				05		526	
528	JANITOR CLOSET	3' - 0"	7' - 0"	НМ	F		HM	A				CK01B	7	528	
528A	CHASE	2' - 0"	7' - 0"	НМ	F		HM	Α				06		528A	
529A	CLASSROOM	3' - 0"	7' - 0"	SC/GL	NG	G-2	HM	A				CE01	45MIN/S		
530	FEMALE RESTROOM	3' - 0"	7' - 0"	SC	F		HM	A				05		530	
531	CLASSROOM ELECTRIC	3' - 0" 3' - 0"	7' - 0" 7' - 0"	SC/GL	NG F	G-2	HM	A				CE01	45MIN/S	531 532	
532 533	FEMALE	3' - 0"	7' - 0"	HM SC	F		HM HM	A				CK01A A01		532	
	RESTROOM														
535	WAITING	3' - 0"	7' - 0"	SC/GL	FG	G-1	HM	A				C01C		535	
535A	OFFICE	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03		535A	
535B 535C	OFFICE OFFICE	3' - 0" 3' - 0"	7' - 0" 7' - 0"	SC/GL SC/GL	NG NG		HM HM	A				03		535B 535C	
535D	OFFICE	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03		535D	
537	T-COMM	3' - 0"	7' - 0"	HM	F		HM	A				CK01		537	
539-1	DEBRIEF	3' - 4"	7' - 0"	SC	F		HM	Α				C01		539-1	
539-2	DEBRIEF	3' - 0"	7' - 0"	SC	F		HM	Α				02		539-2	
541-1	SKILLS LAB 2	3' - 0"	7' - 0"	SC/GL	NG	G-1	HM	A				C01C		541-1	
541-2	SKILLS LAB 2	3' - 8"	7' - 0"	SC/GL	NG	G-1	HM	A				C01B		541-2	-
541A 541B-1	STORAGE OFFICE/	3' - 0" 3' - 0"	7' - 0" 7' - 0"	HM SC/GL	F NG		HM HM	A A				C01D 03		541A 541B-1	
541B-2	CONTROL OFFICE/	3' - 0"	7' - 0"	SC/GL	NG		HM	A				03		541B-2	
VT10-6	CONTROL	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	, -0	JOIGE	110	G-1	1 IIVI		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	<b>\</b>	<b>\</b>			ο <del>τ</del> 10-2	
545	ICU TRAINING ROOM	4' - 0"	7' - 0"	ŚC/GL	FG ,	G-1	HM	A				Ç01E		545	Integral Blinds
ST-A	STAIR	3' - 0"	7' - 0"	HM	F		HM	В					90MIN/S	ST-A	
ST-B	STAIR	3' - 0"	7' - 0"	HM	F		HM	В				01	90MIN/S	ST-B	



# HOLLOW METAL FRAME ELEVATIONS



1/4" = 1'-0"



# **GENERAL NOTES**

- 1. CONTRACTOR SHALL VERIFY FINAL CONFIGURATION OF ALL EQUIPMENT, INCLUDING CONTRACTOR FURNISHED CIVIL, STRUCTURAL, ARCHITECTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL ITEMS ASSOCIATED WITH EQUIPMENT, WITH OWNER AND ARCHITECT PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- ALL DIMENSIONS ARE FROM FINISH FACE OF WALL TO FINISH FACE OF WALL UNLESS OTHERWISE NOTED.
- 3. SEALANT TYPICAL AT ALL JOINTS OF ALL ASSEMBLIES.
- 4. ANY STOREFRONT SYSTEM WIDER THAN 6'-6" TO RECEIVE DEFLECTION TRACK AT HEAD.
- DOORS LABELED WITH THE SUFFIX "S" SHALL BE S LABELED DOORS IN ADDITION TO REQUIRED FIRE RATING AND FITTED WITH CERTIFIED SMOKE SEALS IN ACCORDANCE TO UL 1784 AT THE DOOR JAMBS AND HEAD.
- 6. REFERENCE INTERIOR DESIGN DRAWINGS FOR FRAME PROTECTION SPECIFICATIONS.

PROVIDE ADA COMPLIANT TRANSITION/THRESHOLD ELEMENTS AS REQUITED AT ALL INTERSECTION OF DIFFERENT FLOOR FINISHES AND DOOR OPENINGS.

CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION AND COORDINATION OF EXACT DIMENSIONS OF ALL EXISTING FRAMES SCHEDULED FOR NEW DOORS/WINDOWS.

# DOOR SCHEDULE LEGEND

ABBREVIATION	DESCRIPTION	SPEC SECTION
НМ	HOLLOW METAL	081113
AL	ALUMINUM	083616
SC	SOLID CORE	081416
GL	GLASS	088000

# SCHEDULE/DETAIL KEYNOTES

088000.A01 GLAZING. (088000) REFER TO PARTIAL FLOOR PLANS FOR GLAZING TYPES.



501 EAST HIGH STREET

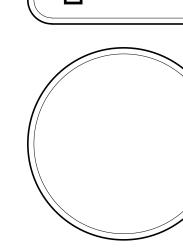
859.402.8008

LEXINGTON, KENTUCKY 40502

502.893.1876 fax

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University of Kentuc



DOOR SCHEDULE

MDS FIFTH FLOOR RENOVATION
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

Addendum 03 8.9.2023

07 July 2023 UKY2205

410.1

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

### FINISH PLAN KEYNOTES

- 1 L1A WRAPPED WALLS OR SOFFIT. OUTSIDE CORNERS TO WP4 TRIM.
- (2) NEW WINDOW SILLS TO BE SOLID SURFACE (SS2). ALL WINDOWS WITHIN SCOPE TO RECEIVE WS1 SHADES.
- (3) CASEWORK TO BE LAMINATE (L1) WITH QUARTZ TOPS (QZ1)
- (4) LAMINATE CASEWORK (L1).
- (5) CUBICLE CURTAINS TO BE PC1.
- (6) TOILET PARTITIONS (TP1).
- 7) FILM (WF1) APPLIED ON ALL GLAZING WHERE INDICATED ASSUME FULL HEIGHT/WIDTH, DIFFERENT OPACITIES, CUSTOM GRAPHICS.
- 8 FURNITURE BY OWNER'S VENDOR.
- (9) AREA RUG TO BE CPT1.
- (10) PTW1 AND PTW2. DIVIDER STRIP: SCHLUTER JOLLY. SEE FINISH SCHEDULE. AVOID ANY WALL MOUNT FIXTURES.
- (11) (AMC1) WOOD-LOOK ACOUSTICAL METAL CEILING PANELS. MATCHING COMPASSO PERIMETER TRIM WHERE PERIMETER EXPOSED.
- (12) EXISTING FINISHES TO REMAIN.
- (13) DECORATIVE LIGHT FIXTURE BY ELECTRICAL ENGINEER.
- (14) STAINLESS CORNER GUARDS (WP5).
- NEW LVT FLOORING, NEW LAMINATE PANELS INTERIOR OF ELEVATOR. STANDARD PLAM SELECTION. NEW CEILING AND LIGHTING. UTILIZE EXISTING REAR HANDRAIL.
- (16) 50% OF FLOOR IN THIS AREA IS LVT2. LVT2 PLANKS WILL TOOTH INTO LVT1 PLANK. ARCHITECT TO PROVIDE DETAILED FLOORING DIMENSIONED DRAWING UPON
- (17) FULL HEIGHT/WIDTH BACK PAINTED GLASS MARKERBOARD INSTALLED WITH Z-CLIPS
- (18) L1A/L1B CLAD WALL SEE ELEVATIONS.
- (19) PAINTED (PT1) VERTICAL AND HORIZONTAL FACE OF SOFFIT.
- 20) SLIDING DIVIDER WALL- SEE ARCH SPECS. DOOR COVERING TO BE XOREL. COLORS TO BE SUBMITTED TO ARCHITECT FOR SELECTION.
- (21) SPRAY CEILING STRUCTURE. SEE ROOM FINISH TAG FOR PAINT COLOR.
- (22) PLAM (L2) WRAPPED BUILT-IN BENCH. SOLID SURFACE TOP (SS3). (23) PAINTED GRAPHIC (PT1A). SEE INTERIOR ELEVATIONS FOR DESIGN.
- (24) (4) VINYL UPHOLSTERY WRAPPED CUSHIONS. SEE DETAIL 11/A9.4
- (25) FRY REGLET WALLCOVERING CORNER TRIM, #WCTOSC IN ANODIZED COLOR. SUBMIT
- (26) SIDES AND BOTTOM OF SOFFIT TO BE PAINTED PT3
- (27) L1 CASEWORK WITH SS1 COUNTERTOPS
- (28) ACT1 CEILING CLOUD.
- (29) WP4 CORNER GUARDS.
- (30) VERTICAL WALL TRANSITION BETWEEN DIFFERENT WALL TILES TO OCCUR BEHIND PARTITION. USE SCHLUTER, 1/2" WIDE, PROFILE: JOLLY IN STAINLESS AT TRANSITION
- (31) COORDINATE ORDER OF INSTALLATION OF COMPACT WALLS AND FRAME/GLAZING INSTALLATION.
- (32) WRAP SMALL BUMPOUT IN PT2.
- (33) COORDINATE SCREEN PLACEMENT AND WALL PANEL DESIGN WITH ARCHITCT TO AVOID CONFLICTS.
- (34) ELEVATOR DOOR AND FRAME TO BE PAINTED PT4.
- (35) FLOOR PATTERN TO MATCH FOOTPRINT OF SOFFIT ABOVE.
- (36) WP6 STRIP. SEE INTERIOR ELEVATIONS.
- 37) SEE ARCHES SPECS FOR CORNERS OF COLUMNS IN CLASSROOMS.
- (38) L1B AND L1C WALL PANELS. SEE INTERIOR ELEVATIONS.

### **GENERAL NOTES**

- 1. CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPACIES BETWEEN EXISTING CONDITIONS AND CONFIGUARATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- PROVIDE ADA COMPLIANT TRANSITION/THRESHOLD ELEMENT AS REQUIRED AT ALL INTERSECTIONS OF DIFFERENT FLOOR FINISHES AND DOOR OPENINGS.
- 3. HATCH SHOWN ONLY IF PATTERN IS USED.
- PATCH AND REPAIR ALL EXISTING WALL, CEILING FLOOR AND FINISH ASSEMBLIES DAMAGED BY DEMOLITION/CONSTRUCTION TO MATCH EXISTING ADJACENT
- 5. SOFFITS TO BE PAINTED IN ENTIRETY (VERTICAL AND HORIZONTAL SURFACES) THE SAME COLOR AS THE WALL THEY ARE ANCHORED TO, UNLESS NOTED OTHERWISE.
- CONTRACTOR TO PROVIDE SEAMING DIAGRAM AND LVT TAKEOFFS TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERILAL.
- 7. FLOORING GRAIN DIRECTION PROVIDED BY ARCHITECT UPON REQUEST. 8. GC TO CONDUCT TRANSITION MOCKUP FOR OWNER/DESIGNER REVIEW WHERE
- 9. ALL EXTERIOR WINDOWS TO RECEIVE WINDOW SHADES (WT1) AND SOLID
- SURFACES (SS2) SILLS.
- 10. RUBBER BASE TO WRAP THE FRONT AND SIDES OF CASEWORK.
- 11. ANY WALL RECEIVING COMPACT OR LAMINATE WALL PANELS TO BE PAINTED PT3 WHERE REVEALS WILL BE.
- 12. ANY DESCREPANCY BETWEEN A SPECIFIED LOCATION OF ANY FINISH WITH ANOTHER DESIGN ELEMENT SHOULD BE BROUGHT TO THE DESIGNER'S ATTENTION. ALL ROOMS/SPACES WITHIN SCOPE TO GET A CODE COMPLIANT ROOM SIGN. ALL ELEVATORS AND EACH CORRIDOR TO RECIEVE APPROPRIATE WAYFINDING AND EVACUATION SIGNAGE. EACH SIGN TO BE 1/4" THK NON-GLARE ACRYLIC WITH CUSTOM PRINTED LOGO (TBD) ON EACH, ADA COMPLIANT CONTRAST AND FONT/BRAILLE WHERE APPLICABLE, AND BIDS MUST INCLUDE INSTALLATION ON
- GYP, GLASS, AND OTHER APPLICABLE SUBSTRATES IN SCOPE.

	DOOR/FRAME FINISHES									
SC	SOLID CORE DOORS STAINED TO MATCH L1. SUBMIT SAMPLES TO ARCHITECT FOR SELECTION.	081416								
НМ	HOLLOW METAL FRAMES TO BE PAINTED PT1	099123								
	SPECIALTY									
WF1	WINDOW/GLASS FILM CUSTOM GRAPHICS AND ETCHED LOOK FILMS. FULL HEIGHT/WIDTH OF GLAZING. CUSTOM IMAGES/ GRAPHICS-OBTAIN DESIGNS FROM ARCHITECT. FILMS TO BE ORDERED FROM OLEE CREATIVE.	088113								
TP1	TOILET PARTITIONS BRADLEY CORP, SOLID PHENOLIC CORE PARTITIONS (SUBMIT STANDARD COLORS).	102113								
CEILING FINISHES (C)										
ACT1	ACOUSTICAL CEILING TILE (GENERAL) SIZES: 2X2 (.90/30) 88137 (.90/30) MARS HIGH-NRC LOGIX ACOUSTICAL PANELS-SQUARE EDGE 15/16" SQUARE GRID DXT. CEILING CLOUDS WITH ACT1: WHITE COMPASSO TRIM, MISC. HEIGHTS AS SHOWN IN DRAWINGS	095100								
AMC1	ACOUSTICAL METAL CEILING PANELS USG, PANZ METAL PANELS, LAY-IN. COLOR: TIMBRE, RED BIRCH 4012., MATCHING 6" OR 4"H COMPASSO TRIM. ACOUSTIBOND SOUND BACKER IN BLACK, PATTERN # C040 PERFORATION PATTERNS. GRID: USG FINELINE EDGE WITH USG IDENTITEE DX1 SUSPENSION.	095113								
	FABRICS (F)									
PC1	PRIVACY CURTAINS INPRO, SHIELD BY PANAZ, PATTERN: GEO GRANDE, COLOR: CORIANDER. MESH COLORS TO BE SUBMITTED, EZ - SNAP	102123								

ATTACHMENT

WINDOW TREATMENTS

(ALL EXTERIOR WINDOWS IN SCOPE)

DRAPER, SHEERWEAVE, SW2400(2410) BEIGE/PÉARL GREY, 3% OPENNESS

UPHOLSTERED SEAT CUSHION, CF STINSON, PATTERN:

INHERENT FLUID BARRIER, SOIL/STAIN RESISTANCE WITH TOP COAT AND INK RESISTANCE. CUSHION SEAMS TO FACE

WALL. SEE DRAWINGS FOR FABRICATION DETAILS

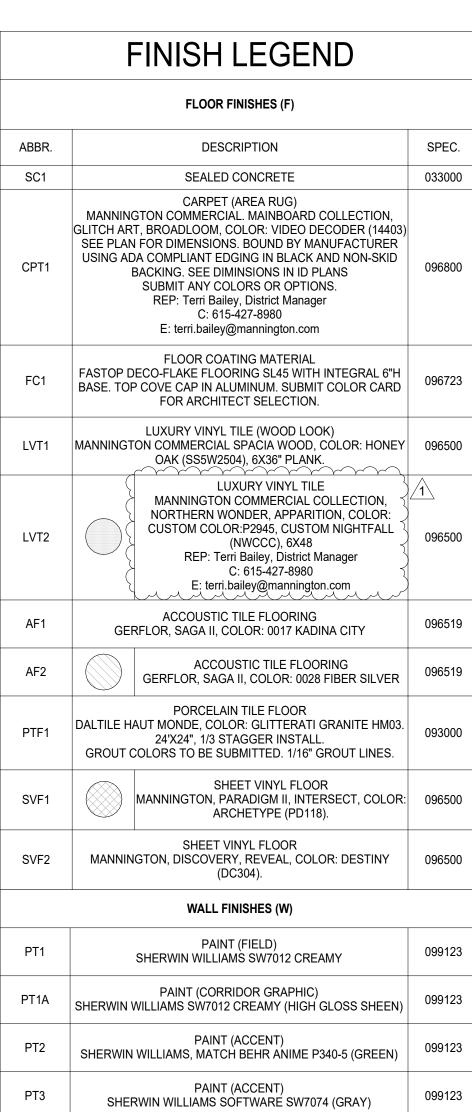
VECTOR, COLOR: LIME, BLEACH CLEANABLE VINYL,

	CASEWORK/MILLWORK	
L1D	LAMINATE ON SUBSTRATE - WALL PANEL WILSONART LAMINATE ON 3/4" SUBSTRATE, PATTERN: HARVEST MAPLE 7953-38. REFER TO ELEVATION AND SECTIONS FOR PANEL LAYOUT AND INSTALLATION METHOD. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. CONTACT: Cynthia Anderson, 859-382-9671 CAanderson@flagginc.com	097753
L1E	LAMINATE ON SUBSTRATE - WALL PANEL WILSONART LAMINATE ON 3/4" SUBSTRATE, PATTERN: LAPIS BLUE D417-60. REFER TO ELEVATION AND SECTIONS FOR PANEL LAYOUT AND INSTALLATION METHOD. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL.  CONTACT: Cynthia Anderson, 859-382-9671 CAanderson@flagginc.com	097753
L1F	LAMINATE ON SUBSTRATE - WALL PANEL WILSONART LAMINATE ON 3/4" SUBSTRATE, PATTERN: HANDSPUN SLATE 5035-38. REFER TO ELEVATION AND SECTIONS FOR PANEL LAYOUT AND INSTALLATION METHOD. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. CONTACT: Cynthia Anderson, 859-382-9671 CAanderson@flagginc.com	097753
L1G	LAMINATE ON SUBSTRATE - WALL PANEL WILSONART LAMINATE ON 3/4" SUBSTRATE, GRAPHIC WILSONART, STOCK PHOTO GRAPHIC SUPPLIED BY ARCHITECT. REFER TO ELEVATION AND SECTIONS FOR PANEL LAYOUT AND INSTALLATION METHOD. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. CONTACT: Cynthia Anderson, 859-382-9671 CAanderson@flagginc.com	097753
10	LAMINATE ON SUBSTRATE	400000
L2	LAMITECH, NEON GREEN 2186 DL	123200
SS1	SOLID SURFACE (COUNTERS-VANITIES) CORIAN, COLOR: CARBON AGGREGATE.	064100
SS2	SOLID SURFACE (WINDOW SILLS) CORIAN, COLOR: ASH CONCRETE.	064100
SS3	SOLID SURFACE (TOP OF BENCH) CORIAN, COLOR: DEEP CLOUD, EASED EDGES.	064100
QZ1	QUARTZ COUNTERS (STAFF KITCHENETTE) DUPONT QUARTZ, COLOR: SNOW FLURRY	064100

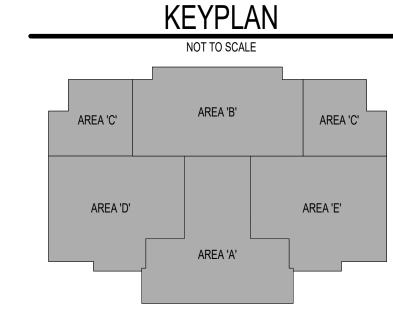
	BASE FINISHES (B)	
RB1	RUBBER BASE  JOHNSONITE, COVE BASE, 4" HIGH, COLOR: 48 GREY	09650
CWB1	CONTOURED WALL BASE JOHNSONITE, MILLWORK LINE, 4.5"H PROFILE: EQUINOX, COLOR: 48 GREY	09650
SCH1	SCHLUTER BASE TILED WALL/FLOOR INTERSECTIONS, SATIN ANODIZED ALUMINUM, PROFILE: DILEX - AHK	
	CASEWORK/MILLWORK	
L1	LAMINATE CASEWORK WILSONART, PATTERN: HARVEST MAPLE 7653-38.	12320
L1A	COMPACT LAMINATE 3/8" THICK WILSONART LAMINATE PATTERN: HARVEST MAPLE 7953-38. Z-CLIP OR OTHER APPROVED INSTALLATION METHOD. SEE ELEVATIONS FOR LAYOUT. LEAVE 1/8"- 1/4" GAP BETWEEN WALL PANELS. PAINT WALL PT3 WHERE REVEAL IS TO OCCUR. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. PROVIDE 2'X2' MOCKUP TO BE CONSTRUCTED OF PANEL, GAP, AND CORNER TRIM FOR ARCHITECT APPROVAL. ALL OUTSIDE CORNERS TO HAVE STAINLESS TRIM (WP4).  CONTACT: Cynthia Anderson 859-382-9671 CAanderson@flagginc.com	09775
L1B	COMPACT LAMINATE 3/8" THICK GRAPHIC: WILSONART, STOCK PHOTO GRAPHIC SUPPLIED BY ARCHITECT. Z-CLIP OR OTHER APPROVED INSTALLATION METHOD. SEE ELEVATIONS FOR LAYOUT. LEAVE 1/8"- 1/4" GAP BETWEEN WALL PANELS. PAINT WALL PT3 WHERE REVEAL IS TO OCCUR. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. MOCKUP TO BE CONSTRUCTED OF PANEL, GAP, AND CORNER TRIM FOR ARCHITECT APPROVAL.	09775
L1C (	PLASTIC LAMINATE OVER 3/8" SUBSTRATE WILSONART WHITEBOARD LAMINATE, 1573 FROSTY WHITE, 60 GLOSS. TO BE FLUSH WITH SURROUNDING FINISHED PANELS. MILLWORK CHANNEL 'L' ANGLE WITH RETURN KEY ON ALL EDGES OF L1C PANELS.	09775



	BASE FINISHES (B)	
RB1	RUBBER BASE JOHNSONITE, COVE BASE, 4" HIGH, COLOR: 48 GREY	096500
CWB1	CONTOURED WALL BASE JOHNSONITE, MILLWORK LINE, 4.5"H PROFILE: EQUINOX, COLOR: 48 GREY	096500
SCH1	SCHLUTER BASE TILED WALL/FLOOR INTERSECTIONS, SATIN ANODIZED ALUMINUM, PROFILE: DILEX - AHK	
	CASEWORK/MILLWORK	
L1	LAMINATE CASEWORK WILSONART, PATTERN: HARVEST MAPLE 7653-38.	123200
L1A	COMPACT LAMINATE 3/8" THICK WILSONART LAMINATE PATTERN: HARVEST MAPLE 7953-38. Z-CLIP OR OTHER APPROVED INSTALLATION METHOD. SEE ELEVATIONS FOR LAYOUT. LEAVE 1/8"- 1/4" GAP BETWEEN WALL PANELS. PAINT WALL PT3 WHERE REVEAL IS TO OCCUR. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. PROVIDE 2'X2' MOCKUP TO BE CONSTRUCTED OF PANEL, GAP, AND CORNER TRIM FOR ARCHITECT APPROVAL. ALL OUTSIDE CORNERS TO HAVE STAINLESS TRIM (WP4).  CONTACT: Cynthia Anderson 859-382-9671 CAanderson@flagginc.com	097753
L1B	COMPACT LAMINATE 3/8" THICK GRAPHIC: WILSONART, STOCK PHOTO GRAPHIC SUPPLIED BY ARCHITECT. Z-CLIP OR OTHER APPROVED INSTALLATION METHOD. SEE ELEVATIONS FOR LAYOUT. LEAVE 1/8"- 1/4" GAP BETWEEN WALL PANELS. PAINT WALL PT3 WHERE REVEAL IS TO OCCUR. ALL WALL PANEL LAYOUTS TO BE SENT TO ARCHITECT FOR APPROVAL. MOCKUP TO BE CONSTRUCTED OF PANEL, GAP, AND CORNER TRIM FOR ARCHITECT APPROVAL.	097753
L1C	PLASTIC LAMINATE OVER 3/8" SUBSTRATE WILSONART WHITEBOARD LAMINATE, 1573 FROSTY WHITE, 60 GLOSS. TO BE FLUSH WITH SURROUNDING FINISHED PANELS. MILLWORK CHANNEL 'L' ANGLE WITH RETURN KEY ON ALL EDGES OF L1C PANELS.	097753



		ARCHETYPE (PD118).						
SVF2	MANNIN	SHEET VINYL FLOOR GTON, DISCOVERY, REVEAL, COLOR: DESTINY (DC304).	09650					
		WALL FINISHES (W)						
PT1		PAINT (FIELD) SHERWIN WILLIAMS SW7012 CREAMY	09912					
PT1A	SHERWIN V	PAINT (CORRIDOR GRAPHIC) VILLIAMS SW7012 CREAMY (HIGH GLOSS SHEEN)	09912					
PT2	SHERWIN	PAINT (ACCENT) WILLIAMS, MATCH BEHR ANIME P340-5 (GREEN)	09912					
PT3	SHEF	PAINT (ACCENT) RWIN WILLIAMS SOFTWARE SW7074 (GRAY)	09912					
PT4	SCUFFMAS	PAINT (ELEVATOR DOORS) STER, "SOLID METAL," #SM8008, METALLIC PAINT.	09912					
WP1		WALL PROTECTION (PANEL) ALLADIUM .040, SOLID, VARYING HEIGHTS. USE TURER'S MATCHING TRIM. COLOR: WHITE SAND #0103	10260					
WP2		WALL PROTECTION (BUMPERS) JRFACE, CORIAN COLOR: CANVAS, TWO EACH ALLED VERTICALLY. SEE INTERIOR ELEVATIONS.	06410					
WP3	WALL PROTECTION (PANEL - SINK WALLS) SOLID SURFACE, 1/4" THICK INPRO, BIOPRISM, COLOR: NATURAL LINEN. #P9079							
WP4		4 WALL PROTECTION - CORNER GUARDS SS, FULL HEIGHT, 1" FLANGE (SEE ARCH SPEC)	10260					
WP5		NALL PROTECTION - CORNER GUARDS SS, FULL HEIGHT, 2" FLANGE (SEE ARCH SPEC)	10260					
WP6	INPRO ASI WITH CAUL BE ACQI	WALL PROTECTION (GRAPHIC PANEL) PEX, FULL HEIGHT, 1/16" GAP BETWEEN PANELS K. (NO DIVIDER TRIM FOR IMAGERY) IMAGERY TO JIRED FROM THE ARCHITECT OR OWNER FOR OTOS. INSTALL OVER WALLBASE. ANY EXPOSED EDGES TO RECEIVE ALUMINUM TRIM	10260					
IWC1		RESISTANT WALL COVERING, INPRO RICOCHET, N: ROCKY RIVER, COLOR: META RC-ME-R1212	10260					
PTW1	ORIENTATIO TO BE	PORCELAIN TILE WALL ILE ARTISAN GREY DECO (P036). VERTICAL DN, MONOLITHIC INSTALL. 16X32, GROUT COLORS SUBMITTED, 1/16" GROUT LINES. USE WITH R, 1/2" WIDE, PROFILE: JOLLY IN STAINLESS AT TRANSITION OF PTW1 TO PTW2	09300					
PTW2	GROUT CC OR TRNSIT	PORCELAIN TILE WALL (MOSAIC) B, COBALT BLUE PENNY ROUND GLASS, 12X12, DLORS TO BE SUBMITTED. ANY EXPOSED EDGES ION TO OTHER TILE - USE SCHLUTER, 1/2" WIDE, OLLY IN STAINLESS AT TRANSITION OF PTW1 TO PTW2.	09300					
PWC1		LCOVERING (OFFICES & ELEVATOR CORE WALL) RACTAL EMBOSS #6261 W768, CLASS A.	09720					



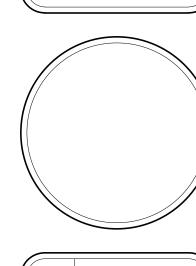


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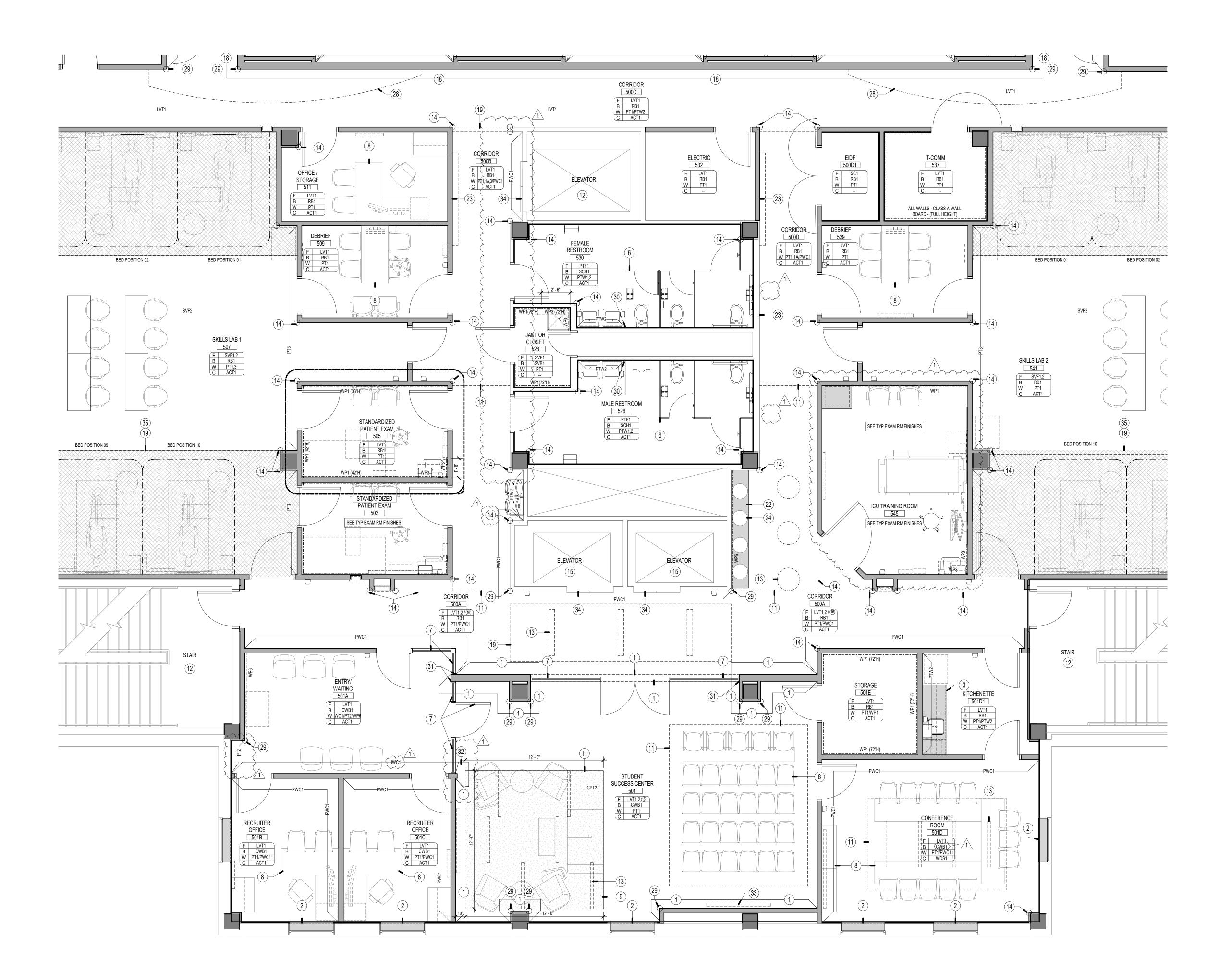
COMPOSITE FIFTH FLOOR FINISH FLOOR PLAN MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

Addendum 03 8.9.2023 07 July 2023

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CONT



#### **ENLARGED** FIFTH FLOOR FINISH PLAN TRUE PLAN NORTH NORTH

#### GENERAL NOTES

- CONTRACTOR SHALL VERIFY EXISTING SITE CONDITIONS AND SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPACIES BETWEEN EXISTING CONDITIONS AND CONFIGUARATIONS SHOWN IN THE CONSTRUCTION DRAWINGS.
- PROVIDE ADA COMPLIANT TRANSITION/THRESHOLD ELEMENT AS REQUIRED AT ALL
- INTERSECTIONS OF DIFFERENT FLOOR FINISHES AND DOOR OPENINGS.
- 3. HATCH SHOWN ONLY IF PATTERN IS USED.
- PATCH AND REPAIR ALL EXISTING WALL, CEILING FLOOR AND FINISH ASSEMBLIES DAMAGED BY DEMOLITION/CONSTRUCTION TO MATCH EXISTING ADJACENT CONSTRUCTION/FINISHES.
- SOFFITS TO BE PAINTED IN ENTIRETY (VERTICAL AND HORIZONTAL SURFACES) THE SAME COLOR AS THE WALL THEY ARE ANCHORED TO, UNLESS NOTED OTHERWISE.
- CONTRACTOR TO PROVIDE SEAMING DIAGRAM AND LVT TAKEOFFS TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERILAL.
- FLOORING GRAIN DIRECTION PROVIDED BY ARCHITECT UPON REQUEST.
- 8. GC TO CONDUCT TRANSITION MOCKUP FOR OWNER/DESIGNER REVIEW WHERE
- ALL EXTERIOR WINDOWS TO RECEIVE WINDOW SHADES (WT1) AND SOLID SURFACES (SS2) SILLS.
- 10. RUBBER BASE TO WRAP THE FRONT AND SIDES OF CASEWORK.
- 11. ANY WALL RECEIVING COMPACT OR LAMINATE WALL PANELS TO BE PAINTED PT3 WHERE REVEALS WILL BE.
- 12. ANY DESCREPANCY BETWEEN A SPECIFIED LOCATION OF ANY FINISH WITH ANOTHER DESIGN ELEMENT SHOULD BE BROUGHT TO THE DESIGNER'S ATTENTION.
- 13. ALL ROOMS/SPACES WITHIN SCOPE TO GET A CODE COMPLIANT ROOM SIGN. ALL ELEVATORS AND EACH CORRIDOR TO RECIEVE APPROPRIATE WAYFINDING AND EVACUATION SIGNAGE. EACH SIGN TO BE 1/4" THK NON-GLARE ACRYLIC WITH CUSTOM PRINTED LOGO (TBD) ON EACH, ADA COMPLIANT CONTRAST AND FONT/BRAILLE WHERE APPLICABLE, AND BIDS MUST INCLUDE INSTALLATION ON GYP, GLASS, AND OTHER APPLICABLE SUBSTRATES IN SCOPE.

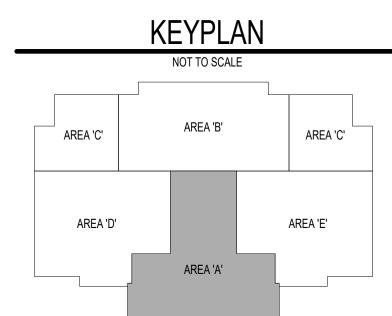
### FINISH PLAN KEYNOTES

- 1 L1A WRAPPED WALLS OR SOFFIT. OUTSIDE CORNERS TO WP4 TRIM.
- NEW WINDOW SILLS TO BE SOLID SURFACE (SS2). ALL WINDOWS WITHIN SCOPE TO RECEIVE WS1 SHADES.
- 3 CASEWORK TO BE LAMINATE (L1) WITH QUARTZ TOPS (QZ1)
- (4) LAMINATE CASEWORK (L1).
- (5) CUBICLE CURTAINS TO BE PC1.
- 6 TOILET PARTITIONS (TP1).
- (7) FILM (WF1) APPLIED ON ALL GLAZING WHERE INDICATED ASSUME FULL HEIGHT/WIDTH, DIFFERENT OPACITIES, CUSTOM GRAPHICS.
- 8 FURNITURE BY OWNER'S VENDOR.
- (9) AREA RUG TO BE CPT1.
- (10) PTW1 AND PTW2. DIVIDER STRIP: SCHLUTER JOLLY. SEE FINISH SCHEDULE. AVOID ANY WALL MOUNT FIXTURES.
- (AMC1) WOOD-LOOK ACOUSTICAL METAL CEILING PANELS. MATCHING COMPASSO PERIMETER TRIM WHERE PERIMETER EXPOSED.
- (12) EXISTING FINISHES TO REMAIN.
- (13) DECORATIVE LIGHT FIXTURE BY ELECTRICAL ENGINEER.
- (14) STAINLESS CORNER GUARDS (WP5).
- NEW LVT FLOORING, NEW LAMINATE PANELS INTERIOR OF ELEVATOR. STANDARD PLAM SELECTION. NEW CEILING AND LIGHTING. UTILIZE EXISTING REAR HANDRAIL.
- (16) 50% OF FLOOR IN THIS AREA IS LVT2. LVT2 PLANKS WILL TOOTH INTO LVT1 PLANK. ARCHITECT TO PROVIDE DETAILED FLOORING DIMENSIONED DRAWING UPON
- (17) FULL HEIGHT/WIDTH BACK PAINTED GLASS MARKERBOARD INSTALLED WITH Z-CLIPS
- (18) L1A/L1B CLAD WALL SEE ELEVATIONS.
- (19) PAINTED (PT1) VERTICAL AND HORIZONTAL FACE OF SOFFIT.
- SLIDING DIVIDER WALL- SEE ARCH SPECS. DOOR COVERING TO BE XOREL. COLORS TO BE SUBMITTED TO ARCHITECT FOR SELECTION.
- SPRAY CEILING STRUCTURE. SEE ROOM FINISH TAG FOR PAINT COLOR.
- PLAM (L2) WRAPPED BUILT-IN BENCH. SOLID SURFACE TOP (SS3).

) (4) VINYL UPHOLSTERY WRAPPED CUSHIONS. SEE DETAIL 11/A9.4

- PAINTED GRAPHIC (PT1A). SEE INTERIOR ELEVATIONS FOR DESIGN.
- (25) FRY REGLET WALLCOVERING CORNER TRIM, #WCTOSC IN ANODIZED COLOR. SUBMIT
- (26) SIDES AND BOTTOM OF SOFFIT TO BE PAINTED PT3
- (27) L1 CASEWORK WITH SS1 COUNTERTOPS
- ) ACT1 CEILING CLOUD.
- WP4 CORNER GUARDS.
- VERTICAL WALL TRANSITION BETWEEN DIFFERENT WALL TILES TO OCCUR BEHIND PARTITION. USE SCHLUTER, 1/2" WIDE, PROFILE: JOLLY IN STAINLESS AT TRANSITION OF PTW1 TO PTW2.
- (31) COORDINATE ORDER OF INSTALLATION OF COMPACT WALLS AND FRAME/GLAZING INSTALLATION. (32) WRAP SMALL BUMPOUT IN PT2.
- (33) COORDINATE SCREEN PLACEMENT AND WALL PANEL DESIGN WITH ARCHITCT TO
- AVOID CONFLICTS. (34) ELEVATOR DOOR AND FRAME TO BE PAINTED PT4.
- (35) FLOOR PATTERN TO MATCH FOOTPRINT OF SOFFIT ABOVE.
- (36) WP6 STRIP. SEE INTERIOR ELEVATIONS.
- (37) SEE ARCHES SPECS FOR CORNERS OF COLUMNS IN CLASSROOMS.
- (38) L1B AND L1C WALL PANELS. SEE INTERIOR ELEVATIONS.







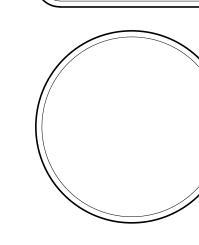
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Addendum 03 07 July 2023

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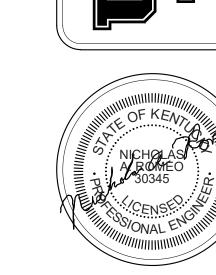
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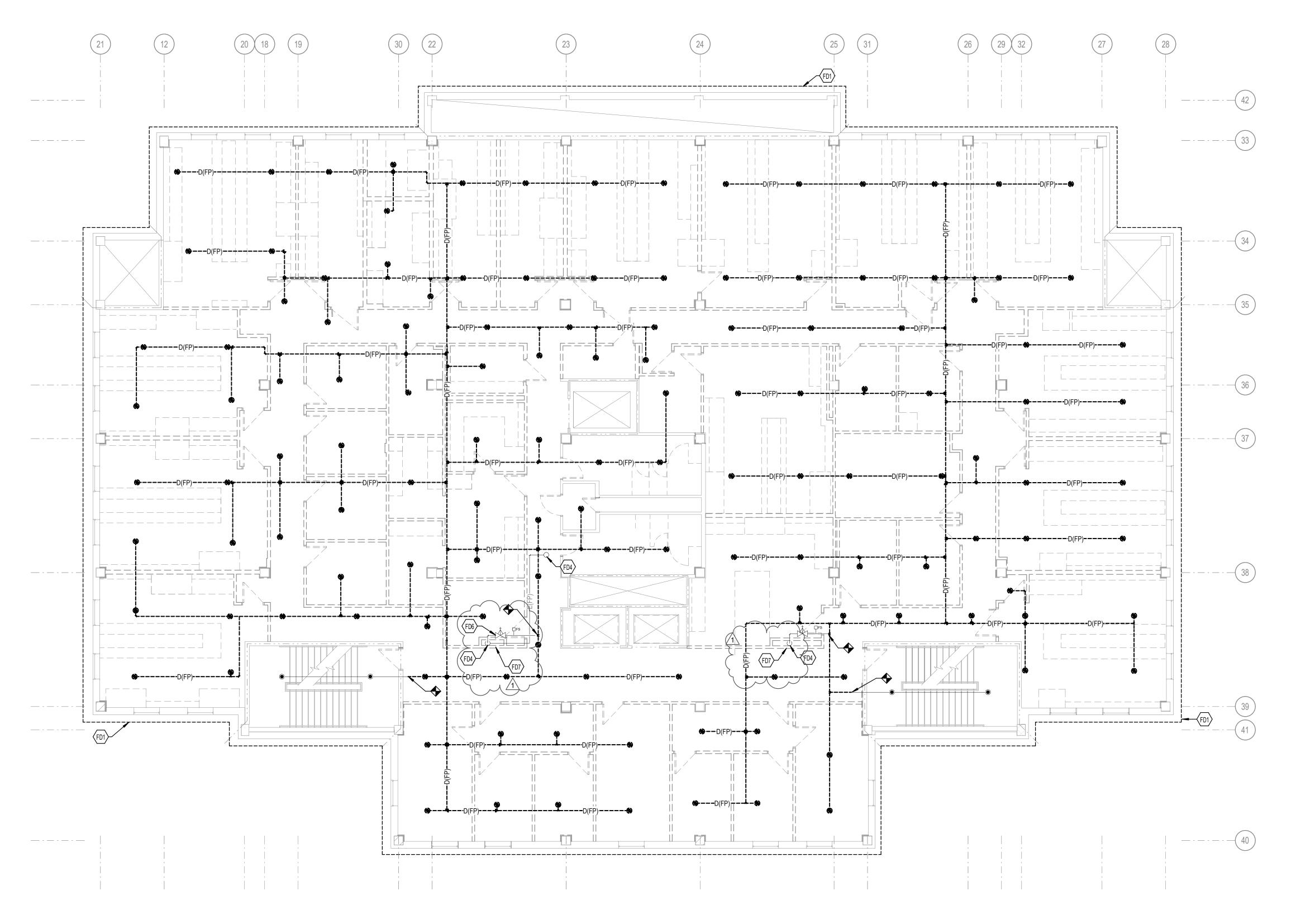


FIFTH FLOOR - FIRE PROTECTION - DEMOLITION MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY CONT

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

ADDENDUM 03 8.9.2023

07 JULY 2023



DEMOLITION

SCALE: 1/8" = 1'-0"

STENGEL HILL

LEXINGTON, KENTUCKY 40502

ARCHITECTURE

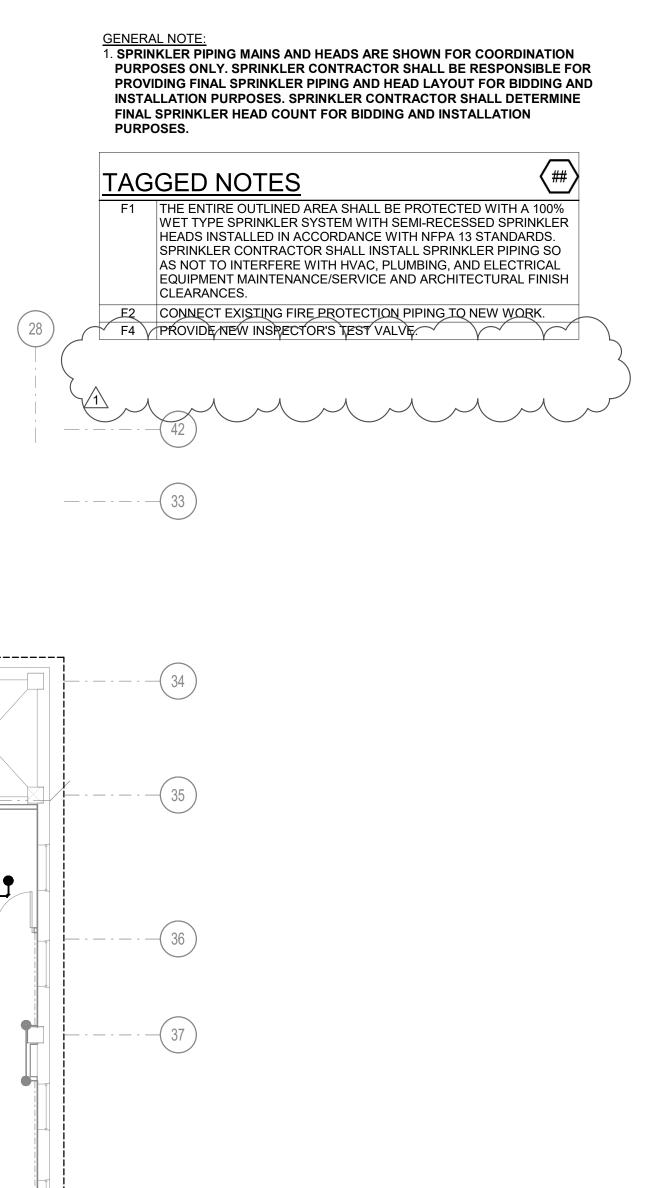
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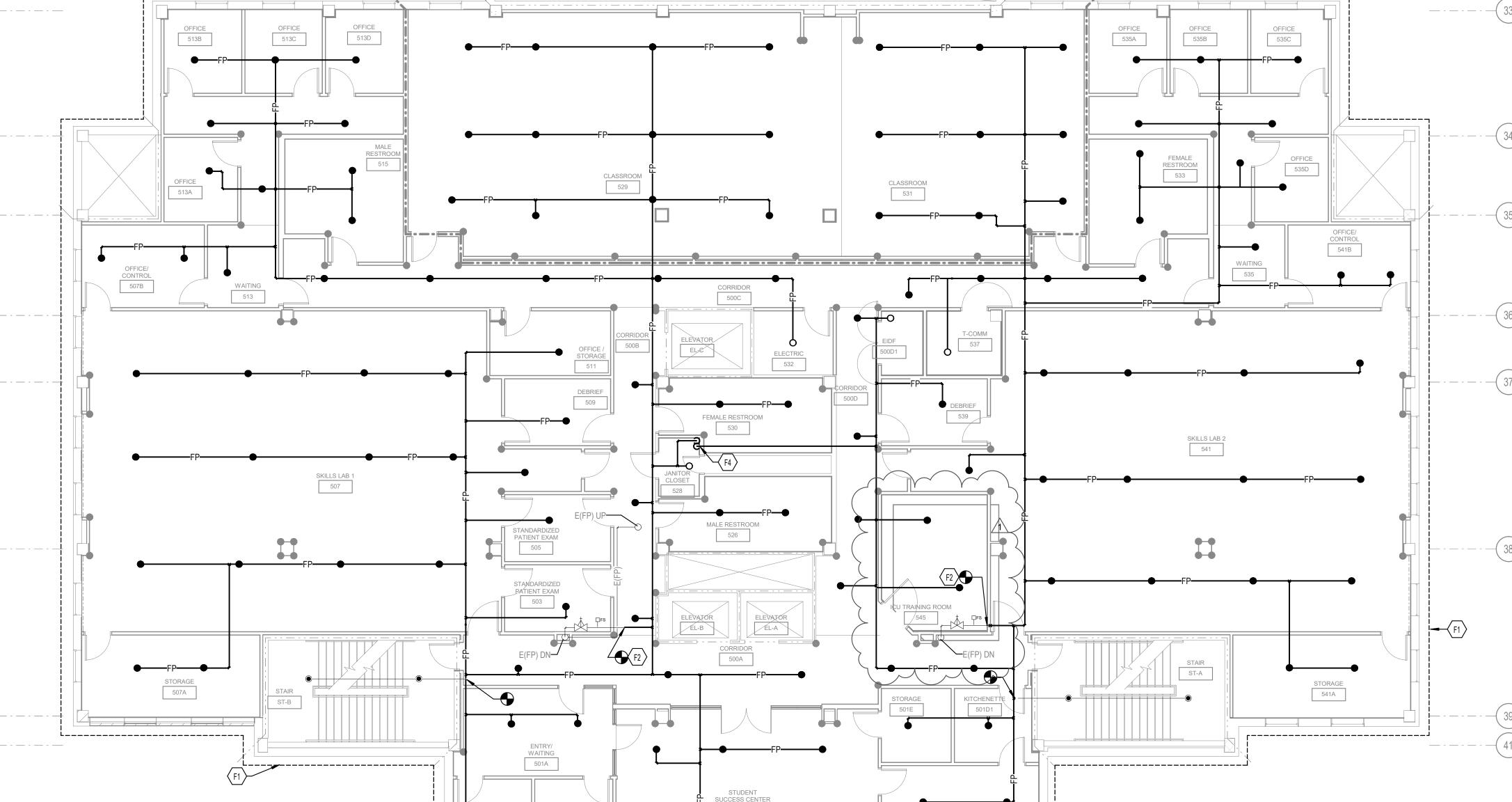
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FIFTH FLOOR - FIRE PROTECTION - NEW WORK

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY





RECRUITER OFFICE 501B

FIFTH FLOOR - FIRE PROTECTION - NEW

WORK
| SCALE: 1/8" = 1'-0"

RECRUITER OFFICE 501C

STENGEL HILL

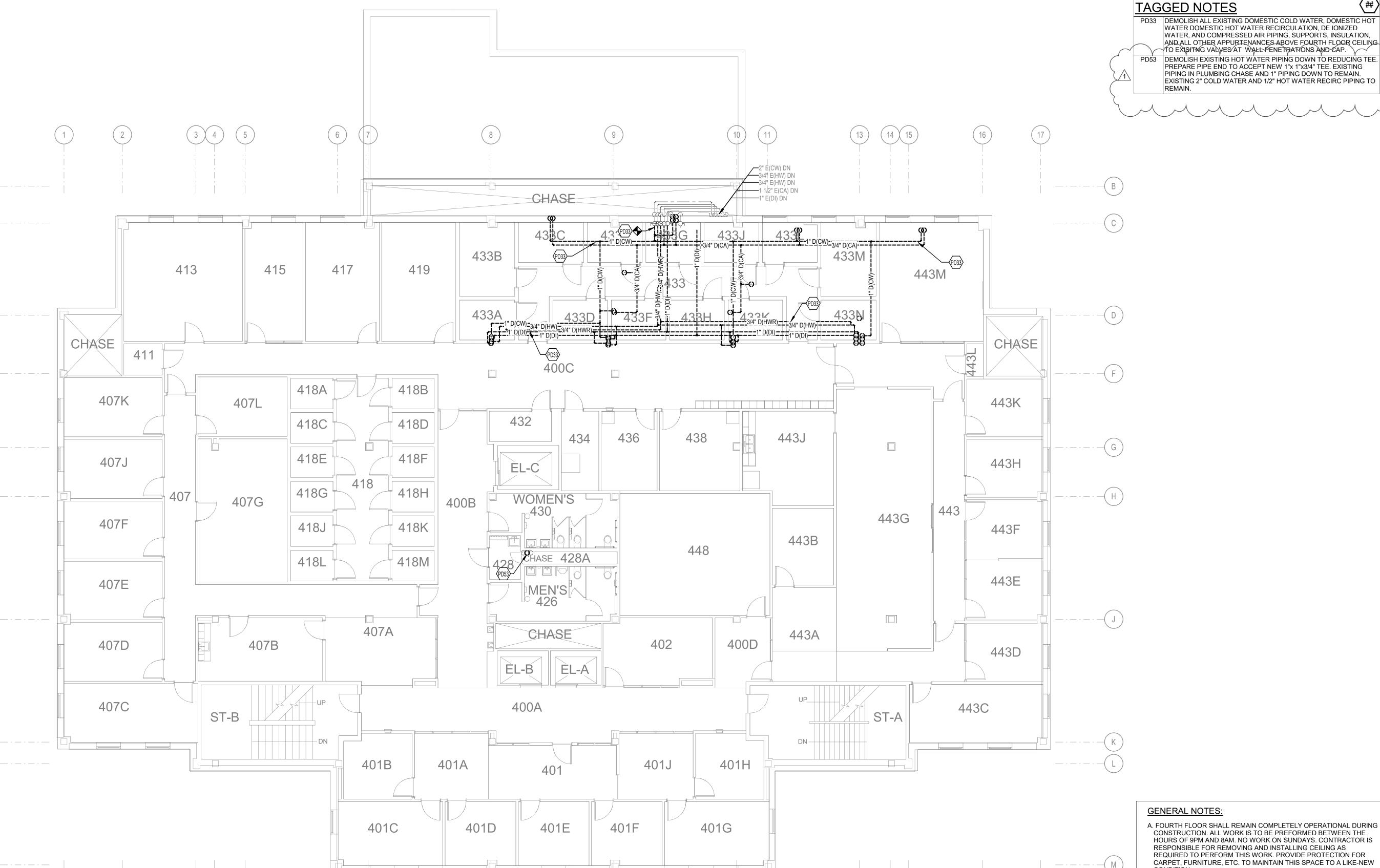
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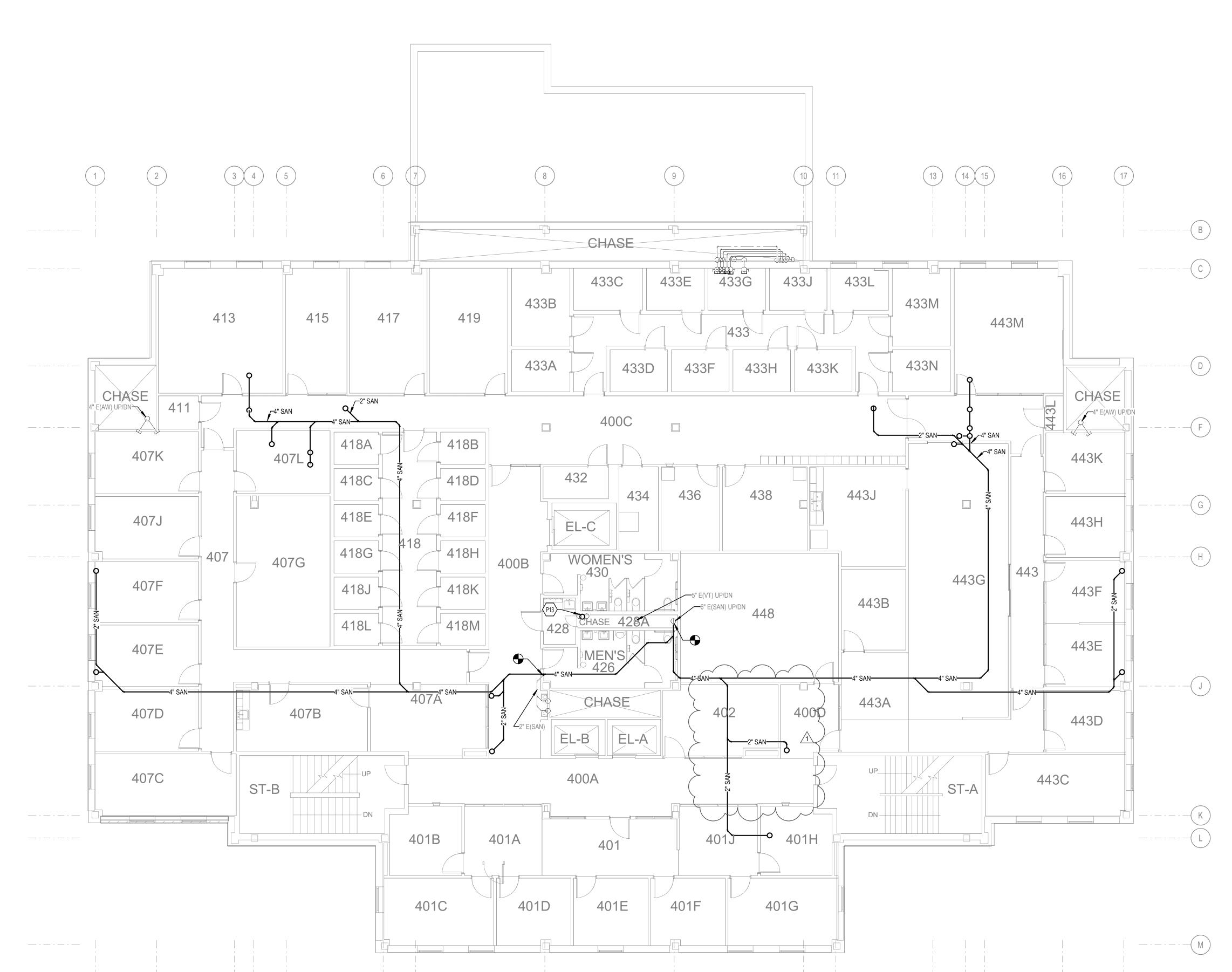


- A. FOURTH FLOOR SHALL REMAIN COMPLETELY OPERATIONAL DURING CONSTRUCTION. ALL WORK IS TO BE PREFORMED BETWEEN THE HOURS OF 9PM AND 8AM. NO WORK ON SUNDAYS. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND INSTALLING CEILING AS REQUIRED TO PERFORM THIS WORK. PROVIDE PROTECTION FOR CARPET, FURNITURE, ETC. TO MAINTAIN THIS SPACE TO A LIKE-NEW
- CONDITION. B. VENT PIPING SERVING ALL FLOORS BELOW FIFTH FLOOR IS TO REMAIN IN PLACE.
- C. PATCH AND REPAIR ALL PIPING PENETRATIONS OF FLOORS AND WALLS. FIRE RATING IS TO BE MAINTAINED WHERE PIPING PENETRATES FLOORS AND WALLS. REFER TO ARCHITECTURAL REQUIREMENTS FOR DETAILS.
- D. ALL FLOOR PENETRATIONS SHALL BE SEALED TO MAINTAIN 1 HR FIRE RATING. REFER TO ARCHITECTURAL DETAILS.

CONTI

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07 JULY 2023



FOURTH FLOOR - PLUMBING - NEW WORK

SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 24' 32'

TAGGED NOTES

P8 CONNECT NEW SANITARY PIPING TO EXISTING PLUMBING STACK IN CHASE. P13 PROVIDE NEW 1"x1"x3/4" TEE AND RECONNECT EXISTING DOMESTIC HOT WATER PIPING IN CHASE. PROVIDE 1" PIPING UP TO FIFTH FLOOR.

STENGEL HILL ARCHITECTURE

LEXINGTON, KENTUCKY 40502

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**GENERAL NOTES:** 

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B. VENT PIPING SERVING ALL FLOORS BELOW FIFTH FLOOR IS TO

REMAIN IN PLACE.

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REQUIREMENTS FOR DETAILS.

D. ALL FLOOR PENETRATIONS SHALL BE SEALED TO MAINTAIN 1 HR FIRE RATING. REFER TO ARCHITECTURAL DETAILS.

**GENERAL NOTES:** 

CONDITION.

A. FOURTH FLOOR SHALL REMAIN COMPLETELY OPERATIONAL DURING

REQUIRED TO PERFORM THIS WORK. PROVIDE PROTECTION FOR CARPET, FURNITURE, ETC. TO MAINTAIN THIS SPACE TO A LIKE-NEW

CONSTRUCTION. ALL WORK IS TO BE PREFORMED BETWEEN THE HOURS OF 9PM AND 8AM. NO WORK ON SUNDAYS. CONTRACTOR IS

RESPONSIBLE FOR REMOVING AND INSTALLING CEILING AS

B. VENT PIPING SERVING ALL FLOORS BELOW FIFTH FLOOR IS TO REMAIN IN PLACE.

P23 PROVIDE NEW WALL-MOUNTED UTILITY SINK AND CONNECT TO EXISTING PIPING. PROVIDE 3/4" HOSE CONNECTION WITH ISOLATION VALVE AND EXTERNAL CHECK VALVE FOR WALL-MOUNTED CHEMICAL DISPENSING SYSTEM. REFER TO PLUMBING SCHEDULE FOR FIXTURE DETAILS.



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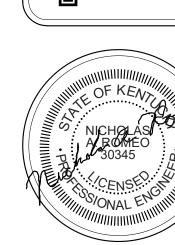
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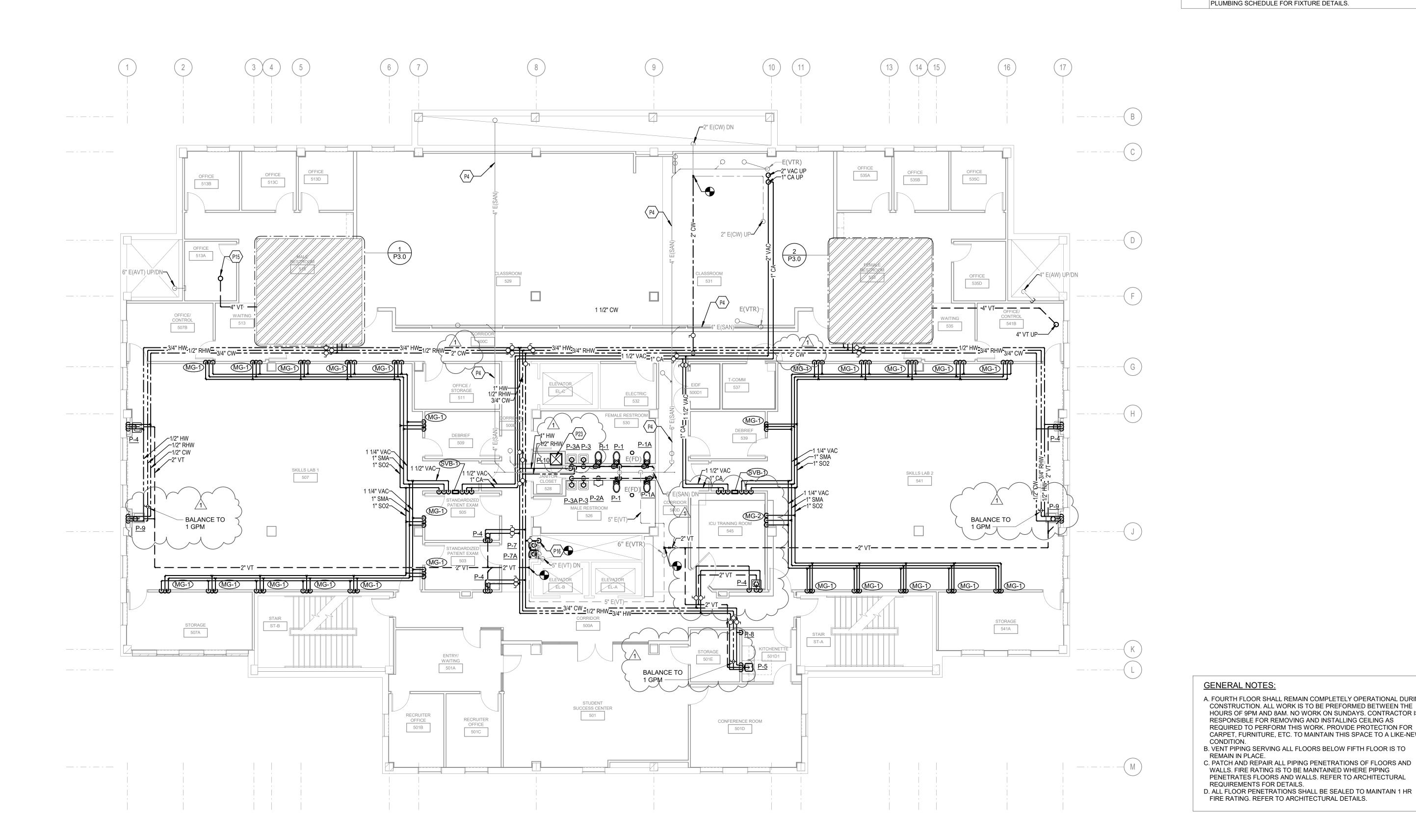
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FIFTH FLOOR - PLUMBING - NEW WORK MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

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07 JULY 2023



FIFTH FLOOR - PLUMBING - NEW WORK

SCALE: 1/8" = 1'-0"

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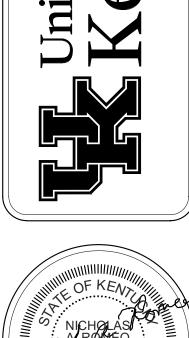
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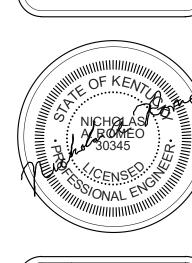
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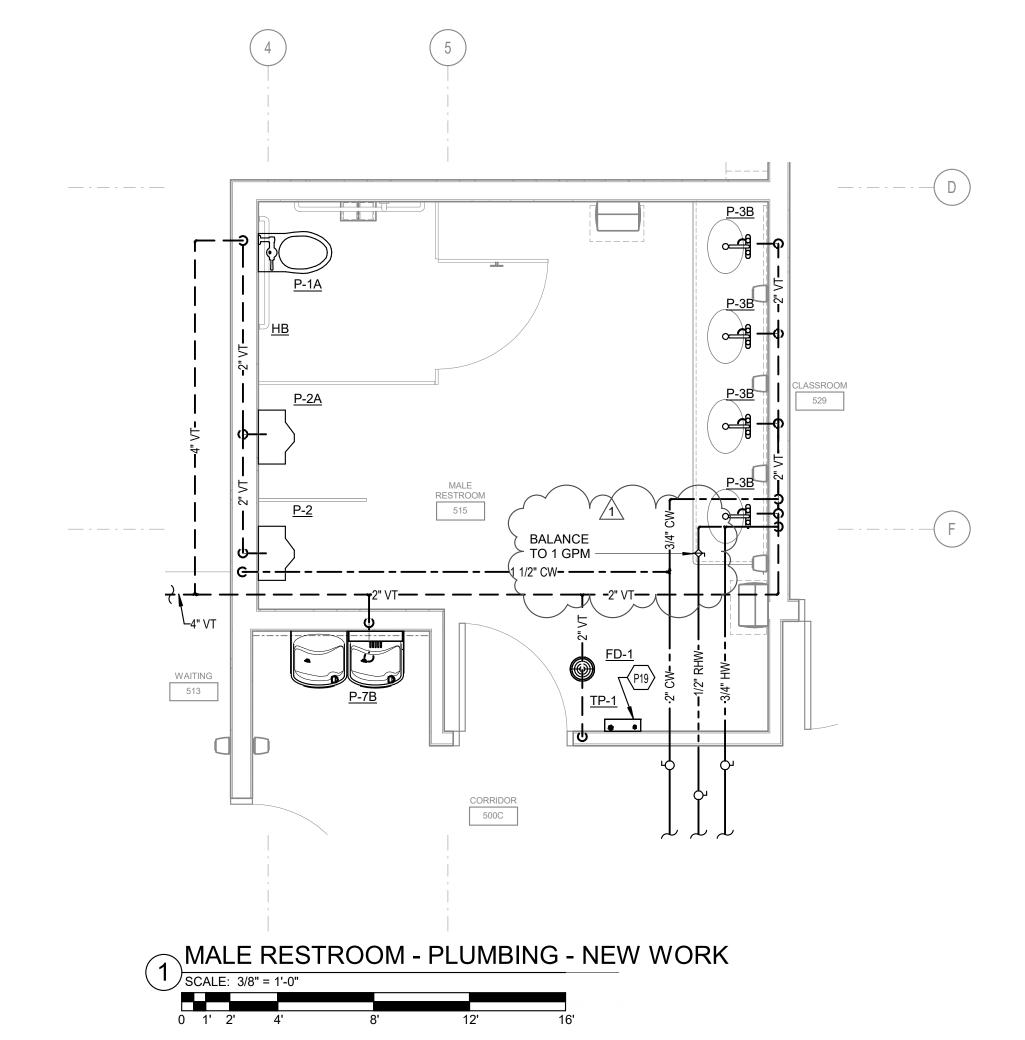
ENLARGED PLUMBING PLANS
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LEXINGTON, KENTUCKY

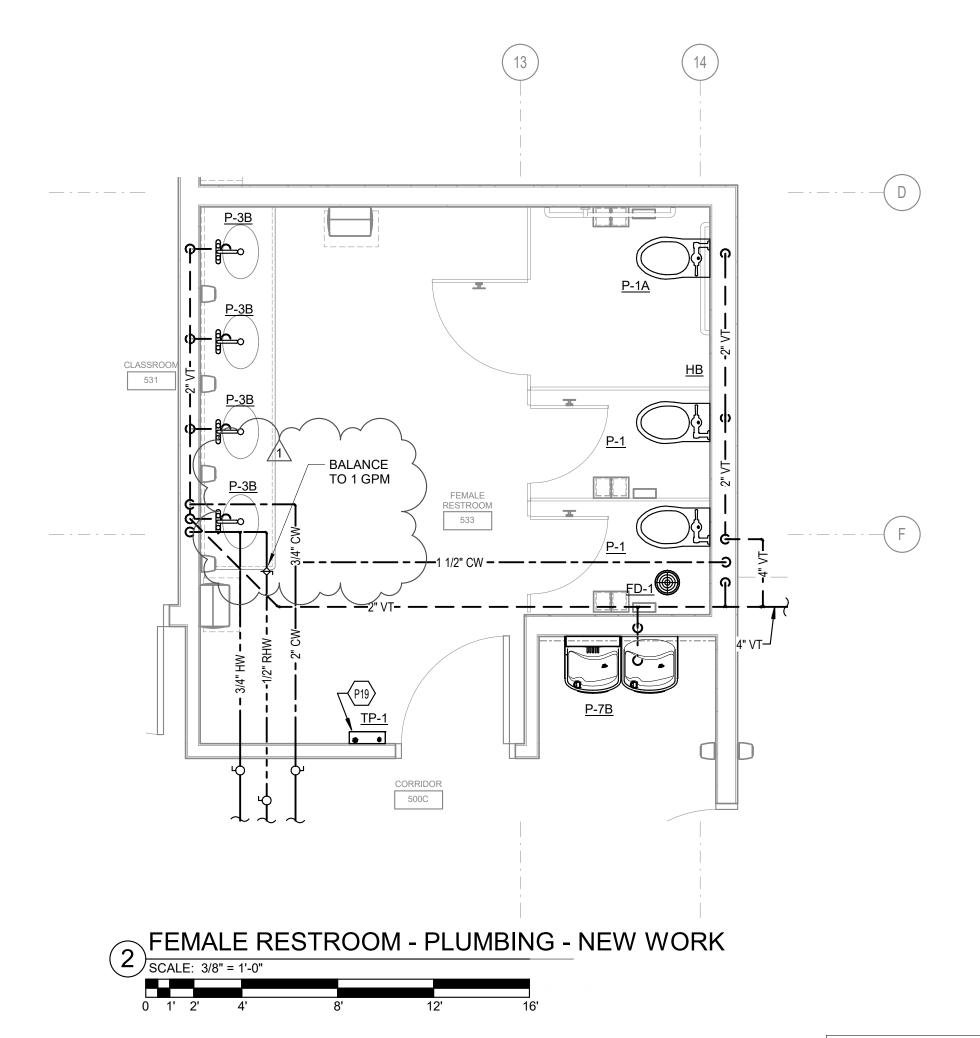
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#### GENERAL NOTES:

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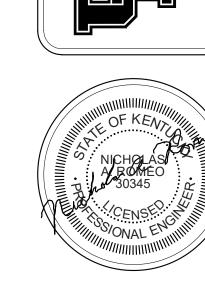
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY PLUMBING RISERS

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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

07 JULY 2023

PLUMBING RISERS - CENTER

SCALE: NONE

					DIMENSIONS (IN)	)									
MARK MA	MANUFACTURER	MODEL#	TYPE	LENGTH	WIDTH	HEIGHT	WEIGHT (LBS)	MAX CFM	PSI	RPM	HP	VOLTAGE	PHASE	MOCP	REMARKS
AC-1	QUINCY	QOF-10	SCROLL	64	30	48	820.00	28	116.00	3505	10	230 V	3	40	ALL

REMARKS:

1. PROVIDE WITH 120 GALLON AIR RECEIVER TANK.

PROVIDE WITH INTEGRATED REFRIGERANT DRYER. PROVIDE SINGLE POINT NEC COMPLIANT ELECTRICAL DISCONNECT.

4. REFER TO AIR COMPRESSOR DETAIL.

	VACUUM PUMP SCHEDULE														
				Γ	DIMENSIONS (IN)	)				ELECTRICAL DATA					
MARK	MANUFACTURER	MODEL	TYPE	LENGTH	WIDTH	HEIGHT	WEIGHT (LBS)	SCFM @ 18.1" Hg	HP	VOLTAGE	PHASE	FLA	MOCP	REMARKS	
VAC-1	QUINCY	QCV-045	CLAW	36.2	15.5	21.4	264.5	7	3	230 V	3	8 A	10 A	ALL	

PROVIDE WITH 60 GALLON RECEIVER TANK. 2. PROVIDE SINGLE POINT NEC COMPLIANT ELECTRICAL DISCONNECT.

3. REFER TO VACUUM PUMP DETAIL.

	MEDICAL GAS OUTLETS/VALVE BOX SCHEDULE	
FIXTURE		
LABEL	DESCRIPTION	PIPE SIZES
	PROVIDE OUTLETS IN HEADWALL; REFER TO ARCHITECTURAL HEADWALL ELEVATION DETAIL FOR MEDICAL GAS OUTLETS CONFIGURATION AND MOUNTING MEIGHTS - VSIMULATED MEDICAL AIR; 1 SIMULATED OXYGEN, & 1 VACUUM WITH VACUUM, SLIDE.	(1) 1/2" SMA; (1) 1/2" SO2; (1) 3/4" VAC
	PROVIDE OUTLETS IN HEADWALL; REFER TO ARCHITECTURAL HEADWALL ELEVATION DETAIL FOR MEDICAL GAS OUTLETS CONFIGURATION AND MOUNTING HEIGHTS - 1 SIMULATED MEDICAL AIR, 3 SIMULATED OXYGEN, & 3 VACUUM WITH VACUUM	(1) 1/2" SMA; (3) 3/4" SO2; (3) 1" VAC
	SLIDES  3 VALVE ZONE VALVE BOX. PROVIDE WITH LOCAL LINE PRESSURE ALARM PANEL.	NLET: (2) 1" CA; (1) 1 1/2" VAC OUTLET:(1) 1" SMA; (1) 1" SO2; 1 1/2" VAC

REFER TO ARCHITECTURAL HEADWALL ELEVATIONS FOR EXACT MOUNTING HEIGHTS OF MEDICAL GAS OUTLETS. PROVIDE AND INSTALL OUTLETS IN HEADWALL SYSTEM. PROVIDE PIPE EXTENSION AS REQUIRED TO CONNECT PIPE FROM WALL TO OUTLET ON HEADWALL SYSTEM. COORDINATE HEADWALL THICKNESS AND INSTALLATION

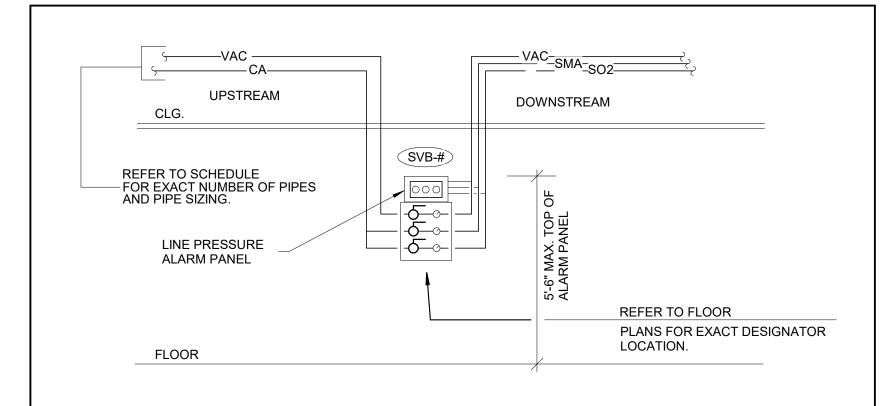
REQUIREMENTS WITH HEADWALL VENDOR. 3. REFER TO TYPICAL MEDICAL GAS VALVE BOX AND ALARM DETAIL.

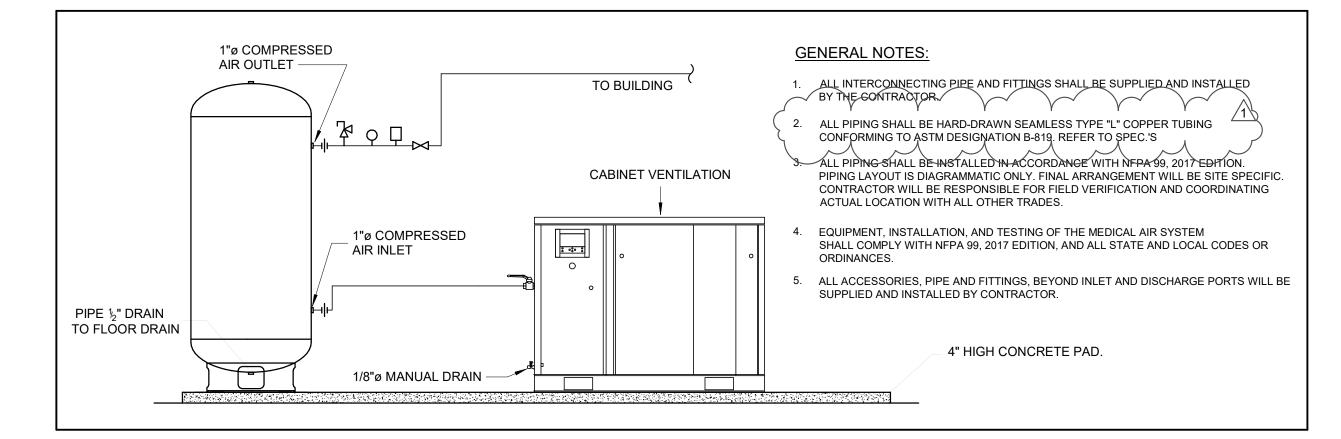
4. PROVIDE LAMACOID LABEL DESIGNATING WHICH ROOMS ARE CONTROLLED BY SHUTOFF VALVES.

SHALL BE CAPPED. INSTALL UNITED AS REQUIRED BY MANUFACTURER.

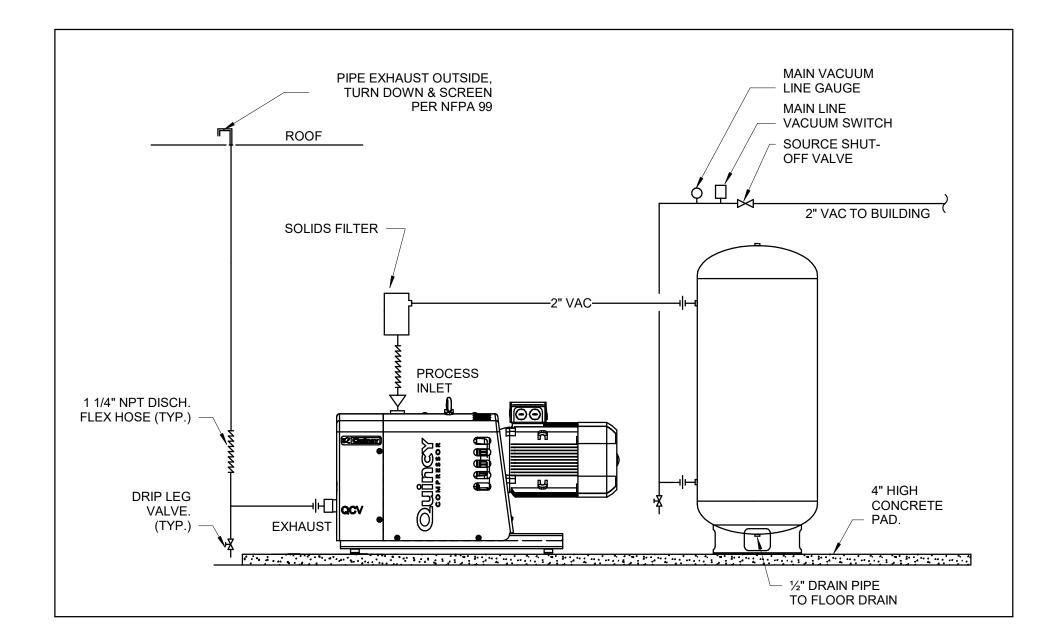
	PLUMBING FIXTURE SCHEDULE					
TAG	DESCRIPTION	CW	HW	VENT	WASTE/DRAIN	ELECTRIC
FD-1	FLOOR DRAIN - 6" DIA.: ZURN, ZN-415 OR EQUAL FLOOR DRAIN WITH 6" DIAMETER TOP, TYPE "B" NICKEL BRONZE STRAINER, 4" DRAIN OUTLET AND TRAP PRIMER CONNECTION.	-	-	2"	4"	No
НВ	HOSE BIBB: ZURN MODEL Z1350 OR EQUAL ENCASED MODERATE CLIMATE WALL HYDRANT FOR NARROW WALL INSTALLATION. WITH ALL BRONZE BODY, ALL BRONZE INTERIOR PARTS, REPLACEABLE SEAT WASHER, LOOSE KEY OPERATED CONTROL VALVE, VACUUM BREAKER AND 3/4" MALE HOSE CONNECTION. ADJUSTABLE STAINLESS STEEL BOX FURNISHED WITH HINGED COVER CYLINDER LOCK AND "WATER" STAMPED ON THE COVER. MOUNTED WITH HOSE CONNECTION AT 18" ABOVE FINISHED FLOOR ELEVATION OF AREA SERVED.	1/2"	-	-	-	No
P-1	WATER CLOSET - WALL HUNG - BATTERY SENSOR FLUSH VALVE : VITREOUS CHINA, WALL HUNG ELONGATED BOWL, SIPHON JET, 11/2" TOP SPUD INLET, CHINA BOLT CAPS AND WHITE OPEN FRONT PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. PROVIDE WITH A BATTERY POWERED, SIDE MOUNT SENSOR OPERATED 1.6 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WALL CARRIER. MOUNT WITH RIM OF BOWL AT 15" AFF.	1-1/2"	-	2"	4"	Battery
P-1A	WATER CLOSET - WALL HUNG - BATTERY SENSOR FLUSH VALVE - ADA COMPLIANT : VITREOUS CHINA, WALL HUNG ELONGATED BOWL, SIPHON JET, 11/2" TOP SPUD INLET, CHINA BOLT CAPS AND WHITE OPEN FRONT PLASTIC SEAT WITH SELF-SUSTAINING CHECK HINGES. PROVIDE WITH A BATTERY POWERED, SIDE MOUNT SENSOR OPERATED 1.6 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING. PROVIDE WALL CARRIER. MOUNTED WITH RIM OF BOWL AT 18" AFF. FLUSH VALVE HANDLE SHALL BE A MAXIMUM OF 31" AFF.	1-1/2"	-	2"	4"	Battery
P-2	URINAL - BATTERY POWERED SENSOR FLUSH VALVE: VITREOUS CHINA WASHDOWN URINAL WITH 3/4" TOP SPUD INLET AND 2" I.P.S. OUTLET. PROVIDE WITH BATTERY POWERED SIDE MOUNT SENSOR OPERATED 1.0 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING AND VANDAL RESISTANT OUTLET STRAINER. PROVIDE WITH FLOOR MOUNTED WALL CARRIER. MOUNT WITH LIP AT 24" AFF.	3/4"	-	2"	2"	Battery
P-2A	URINAL - BATTERY POWERED SENSOR FLUSH VALVE - ADA COMPLIANT : VITREOUS CHINA WASHDOWN URINAL WITH 3/4" TOP SPUD INLET AND 2" I.P.S. OUTLET. PROVIDE WITH BATTERY POWERED SIDE MOUNT SENSOR OPERATED 1.0 GPF FLUSH VALVE WITH OVERRIDE BUTTON AND CHROME PLATED HOUSING AND VANDAL RESISTANT OUTLET STRAINER. PROVIDE WITH FLOOR MOUNTED WALL CARRIER. MOUNT WITH LIP AT 16" AFF.	3/4"	-	2"	2"	Battery
P-3	LAVATORY - WALL HUNG W/ BATTERY SENSOR FAUCET: VITREOUS CHINA, 20"X18" WALL HUNG LAVATORY WITH 4" FAUCET CENTERS, FLOOR MOUNTED CONCEALED ARMS AND 4" HIGH BACKSPLASH. PROVIDE MIX-60-A BELOW BELOW DECK MECHANICAL MIXING VALVE AND A.5 GPM AERATOR. MIXING VALVE SHALL BE INSTALLED AS NEATLY AND AS HIGH AS POSSIBLE BELOW LAVATORY. PROVIDE WITH CHROME PLATED 3/8" SUPPLIES WITH STOPS, GRID DRAIN, A KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. MOUNT LAVATORY AT A HEIGHT LEAVING A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE APRON AND THE RIM AT A MAXIMUM OF 34" AFF.	1/2"	1/2"	2"	2"	Battery
P-3A	LAVATORY - WALL HUNG W/ BATTERY SENSOR FAUCET: VITREOUS CHINA, 20"X18" WALL HUNG LAVATORY WITH 4" FAUCET CENTERS, FLOOR MOUNTED CONCEALED ARMS AND 4" HIGH BACKSPLASH. PROVIDE MIX-60-A BELOW BELOW DECK MECHANICAL MIXING VALVE AND A.5 GPM AERATOR. MIXING VALVE SHALL BE INSTALLED AS NEATLY AND AS HIGH AS POSSIBLE BELOW LAVATORY. CHROME PLATED 3/8" SUPPLIES WITH STOPS, GRID DRAIN, A KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. MOUNT LAVATORY AT A HEIGHT LEAVING A CLEARANCE OF AT LEAST 29" FROM THE FLOOR TO THE APRON AND THE RIM AT A MAXIMUM OF 34" AFF. PROVIDE ON THE EXPOSED WASTE PIPE AND WATER SUPPLY LINES A TRAP-WRAP INSULATION KIT WITH A VINYL AND PLASTIC COVERING.	1/2"	1/2"	2"	2"	Battery
P-3B	LAVATORY - UNDERCOUNTER, OVAL, ADA COMPLIANT WITH BATTERY SENSOR FAUCET: VITREOUS CHINA 17-1/2"X14" OVAL UNDER COUNTER MOUNT LAVATORY, WITH MOUNTING CLAMP ASSEMBLY AND FRONT OVERFLOW. PROVIDE WITH CHROME PLATED GRID DRAIN, 3/8" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS. PROVIDE MIX-60-A BELOW DECK MECHANICAL MIXING VALVE AND A .5 GPM AERATORMIXING VALVE SHALL BE INSTALLED AS NEATLY AND AS HIGH AS POSSIBLE BELOW LAVATORY. PROVIDE ON THE EXPOSED WASTE PIPE AND WATER SUPPLY LINES A TRAP-WRAP INSULATION KIT WITH A VINYL PLASTIC COVERING. PROVIDE CHECK VALVES IN THE COLD AND HOT WATER SUPPLIES.	1/2"	1/2"	2"	2"	Battery
P-4	SINGLE COMPARTMENT SINK: SINGLE COMPARTMENT STAINLESS STEEL SINK, 19"X21" O.D., 14"X18" I.D., 61/2" DEEP, 18 GAUGE, WITH 8" CENTERS. PROVIDE WITH 8" RIGID SPOUT GOOSENECK FAUCET WITH 4" WRIST BLADE CONTROL HANDLES, REAR CENTERED CRUMB CUP STRAINER DRAIN, 3/8" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS.	1/2	1/2"	2"	2"	No
P-5	SINGLE COMPARTMENT SINK - UNDERMOUNT : SINGLE COMPARTMENT UNDERMOUNT STAINLESS STEEL SINK, 16"X20" O.D., 14"X18" I.D., 61/2" DEEP, 18 GAUGE, WITH 8" CENTERS AND UNDERMOUNT ASSEMBLY. PROVIDE WITH 8" RIGID SPOUT GOOSENECK FAUCET WITH 4" WRIST BLADE CONTROL HANDLES, REAR CENTERED CRUMB CUP STRAINER DRAIN, 3/8" ANGLE SUPPLIES WITH STOPS, KENTUCKY CODE P-TRAP, TAILPIECE AND ESCUTCHEONS.	1/2"	1/2"	2"	2"	No
P-7	ELECTRIC WATER COOLER: ELECTRIC WATER COOLER; 7.5 GPH OF 50°F WATER AT 90°F ROOM TEMPERATURE AND 80°F ENTERING WATER; 18 GAUGE STAINLESS STEEL BASIN, 1/5 HP COMPRESSOR: WITH FRONT AND SIDE PUSH BUTTON BAR OPERATOR. WALL MOUNTED WITH BUBBLER 39" AFF. 115V/1PH/60Hz. PROVIDE WITH STAINLESS STEEL CANE APRON.	1/2"	-	2"	2"	Yes
P-7A	ELECTRIC WATER COOLER WITH BOTTLE FILLER - ADA COMPLIANT - ELKAY, AMBIENT, VANDAL RESISTANT OR EQUIVALENT. RECEPTOR WITH SANITARY SENSOR ACTIVATION BOTTLE FILLER, BARRIER FREE DRINKING FOUNTAIN, 18 GAUGE STAINLESS STEEL BASIN, 1/5 HP COMPRESSOR: WITH FRONT AND SIDE PUSH BUTTON BAR OPERATOR. WALL MOUNTED WITH BUBBLER 39" AFF. 115V/1PH/60Hz. PROVIDE WITH STAINLESS STEEL CANE APRON.	1/2"	-	2"	2"	Yes
P-7B	ELECTRIC WATER COOLER WITH BOTTLE FILLER - BI LEVEL - ADA COMPLIANT : BI-LEVEL BARRIER FREE WATER COOLER WITH SINGLE COMPRESSOR, WATER SUPPLY, DRAIN, RECEPTOR WITH SANITARY SENSOR ACTIVATION BOTTLE FILLER, AND ELECTRICAL CONNECTION. 8.0 GPH OF 50°F WATER AT 90°F AMBIENT AND 80°F INLET WATER, 18.8 GAUGE STAINLESS STEEL BASIN, 1/5 HP COMPRESSOR, 115V/1PH, SURFACE MOUNTED TO THE WALL WITH CHILLER BELOW BOWL AND SIDE AND FRONT PUSH BAR OPERATORS. MOUNT SO THE BOTTOM OF THE LOWER COOLER IS AT 9" MINIMUM AFF WITH A CLEARANCE OF 27" MINIMUM FROM THE BOTTOM OF THE APRON OF THE BOWL TO THE FINISHED FLOOR. THE DIMENSION TO THE CENTERLINE OF THE LOWER COOLER BUBBLER SHALL BE 35". PROVIDE WITH STAINLESS STEEL CANE TOUCH APRON ATTACHED TO THE HI COOLER.	1/2"	-	2"	2"	Yes
P-8	WATER SUPPLY WALL BOX: 10"X 8-1/2" RECESSED WATER VALVE BOX, 18 GAUGE STEEL BOX WITH A SINGLE 1/2" WATER SUPPLY INLET, ANGLE STOP AND 1/4" COMPRESSION OUTLET.	1/2"	-	-	-	No
P-9	CLINICAL SERVICE SINK - PEDESTAL MOUNTED: FLOOR MOUNT VITREOUS CHINA CLINICAL SERVICE SINK WITH SIPHON JET FLUSHING ACTION RIM, STAINLESS STEEL RIM GUARDS, 11/2" CHROME PLATED BRASS TOP SPUD AND CHROME PLATED BRASS STRAINER. PROVIDE WITH BEDPAN WASHER ASSEMBLY WITH DOUBLE FOOT PEDAL CONTROL MIXING VALVE AND INTEGRAL STOPS, VACUUM BREAKER, HOSE WITH ANGLE SPRAY NOZZLE AND SPAY HOOK. PROVIDE WITH WALL MOUNTED CHROME PLATED SERVICE FAUCET WITH 6" WRIST BLADE HANDLE, SCREWDRIVER STOPS INLET SHANKS, PAIL HOOK AND WALL BRACE. PROVIDE FLUSH VALVE AND TERRAZZO CLINICAL SINK BASE (28"X14"X10").	1-1/2"	3/4"	2"	4"	No
P-10	SINGLE COMPARTMENT SERVICE SINK: AMERICAN STANDARD LAKEWELL OR EQUAL SINGLE COMPARTMENT CAST IRON SERVICE SINK, WALL-HUNG 8-INCH FAUCET HOLES, STAINLESS STEEL RIM GUARD AND GLOSSY PORCELAIN FINISH; 8" WALL MOUNT MIXING FAUCET WITH POLISHED CHROME PLATED BRASS BODY AND SPOUT WITH VACUUM BREAKER, CERAMIC CARTRIDGES WITH CHECK VALVES, BUILT-IN SERVICE STOPS IN BODY AND UPPER SUPPORT ROD, KENTUCKY CODE P-TRAP, CRUMB CUP STRAINER DRAIN, CONTINUOUS WASTE AND CHROME PLATED ESCUTCHEONS.	1/2"	1/2"	2"	3"	No
TP-1	TRAP PRIMER TYPE-1: PRECISIONS PLUMBING PRODUCTS PRIME-TIME OR EQUAL ELECTRONIC TRAP PRIMING MANIFOLD, WITH ATMOSPHERIC VACUUM BREAKER, PRE-SET 24 HOUR CLOCK, MANUAL OVERRIDE SWITCH, 120 VOLT SOLENOID VALVE WITH 120V/3WIRE CONNECTION. PROVIDE IN 12" X 4" SURFACE MOUNTED METAL CABINET. PROVIDE WITH 10 OPENING MANIFOLD, UN-USED MANIFOLD OPENING SHALL BE CAPPED. INSTALL UNITED AS REQUIRED BY MANUFACTURER.	3/4"	-	-	-	Yes

	ACCEPTABLE MANUFACTURERS FOR PLUMBIN	NG FIXTURES, TRIM, AND EQUIPMENT	
WATER CLOSETS, LAVATORIES, URINALS AMERICAN STANDARD, KOHLER, CRANE, ZURN	WALL HYDRANTS AND HOSE BIBBS ZURN, WOODFORD, WATTS	WASH FOUNTAINS BRADLEY, ACORN, WILLOUGHBY, INTERSAN	TRAP PRIMERS PPP, SIOUX CHIEF, ZURN
FAUCETS AND TRIM  AMERICAN STANDARD, KOHLER, CHICAGO, DELTA, T&S BRASS COMMERCIAL, ZURN, JUST, SPEAKMAN, MOEN COMMERCIAL	<u>FIXTURE CARRIERS</u> ZURN, WADE, JOSAM, WATTS	ELECTRIC WATER COOLERS ELKAY, HALSEY TAILOR, HAWS, OASIS	WATER HEATERS  LOCHINVAR, AO SMITH, BRADFORD WHITE, STATE, PVI, RHEEM
<u>FLUSH VALVES</u> AMERICAN STANDARD, SLOAN, ZURN, MOEN	STAINLESS STEEL SINKS ELKAY, JUST, MOEN, STERLING	P-TRAP INSULATION KIT (TRAP WRAP) TRUEBRO, BROCAR, PLUMBEREX	TEMPERING VALVES LEONARD, LAWLER, BRADLEY, SYMMONS
<u>FIXTURE SEATS</u> BEMIS, CHURCH, OLSONITE	<u>FLOOR DRAINS</u> ZURN, WADE, JOSAM, WATTS	EXPANSION TANKS AMTROL, WATTS, BELL & GOSSETT	

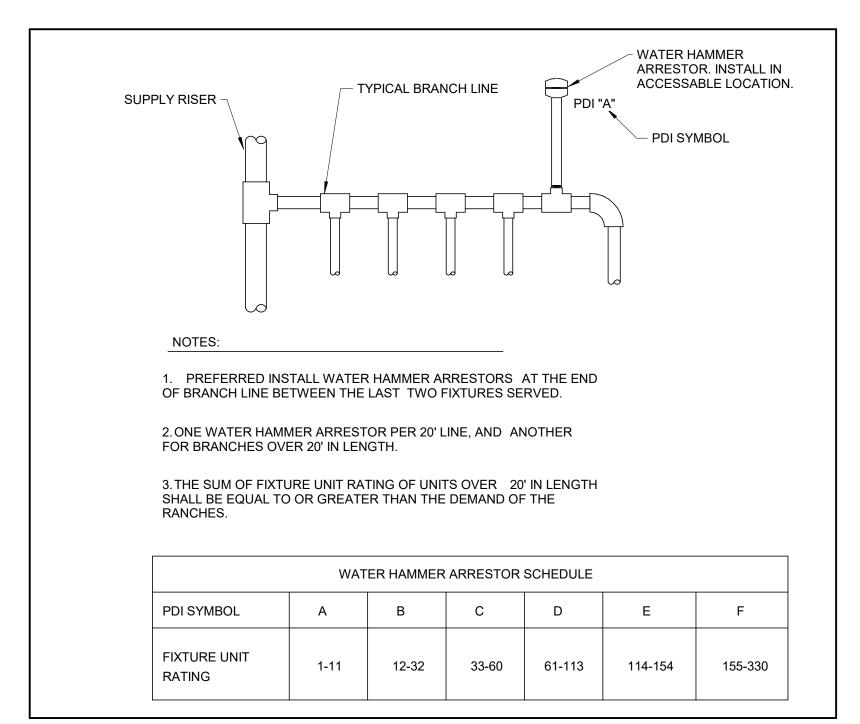




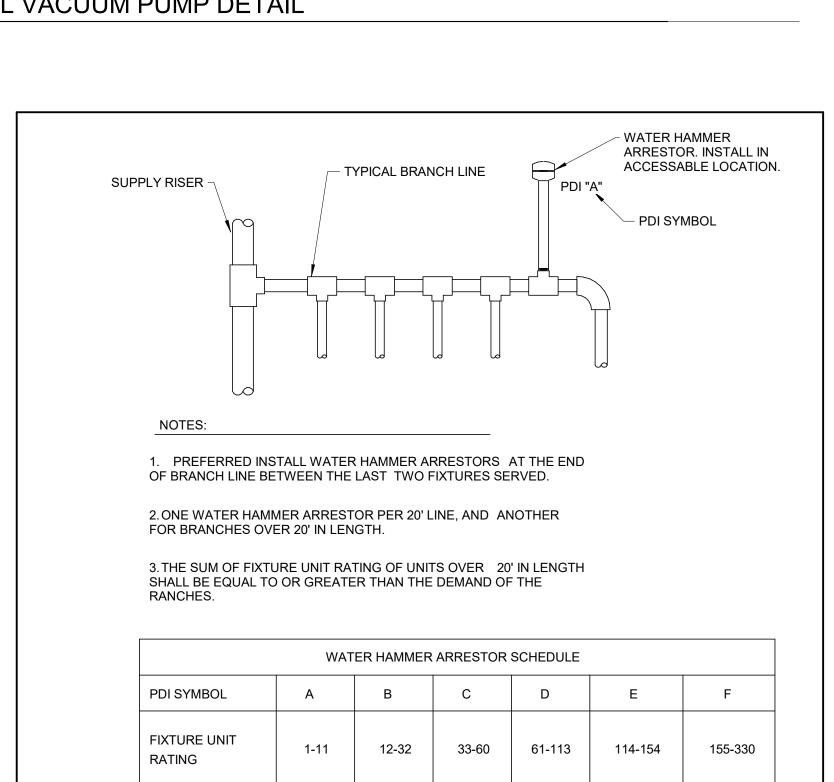
MEDICAL AIR COMPRESSOR DETAIL SCALE: NONE



MEDICAL VACUUM PUMP DETAIL
SCALE: NONE



WATER HAMMER ARRESTOR INSTALLATION DETAIL
SCALE: NONE



STENGEL HILL ARCHITECTURE

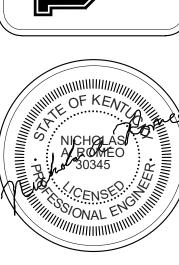
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859.402.8008

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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY PLUMBING DETAILS

ADDENDUM 03 8.9.2023

RENOVATION FENTION

MDS FIFTH FLOOR F UNIVERSITY OF K

07 JULY 2023

TYPICAL MEDICAL GAS VALVE BOX/ALARM PANEL PATIENT ROOMS
SCALE: NONE

850 100 75

- NEW WORK

175

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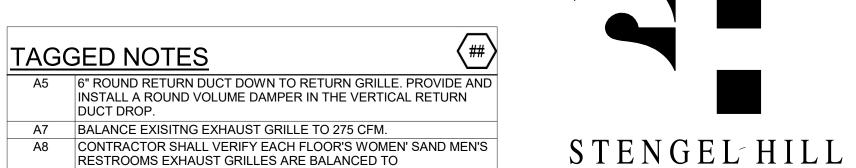
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ADDENDUM 03 8.9.2023

07 JULY 2023



NECESSARY TO ACHIEVE DESIRE AIRFLOWS. A9 BALANCE EXISITNG EXHAUST GRILLE TO 100 CFM. A19 LOWER EXISTING 24" ROUND SUPPLY DUCT TO ALLOW RETURN DUCT TO CROSS. ADDITIONALLY, UTILIZE THE STRUCTURAL CONCRETE PAN SYSTEM POCKET TO ALLOW RETURN DUCT TO CROSS SUPPLY DUCT AT THIS LOCATION.

PRE-CONSTURUCTION AIRFLOWS ON FLOORS 1 THROUGH 4.

CONTRACTOR SHALL REPLACE EF-14'S DRIVE PACKAGE AS

A20 PROVIDE DUCT ACCESS DOOR AT THIS LOCATION TO ALLOW ACCESS TO EXISTING DUCT MOUNTED FIRE DAMPER AT THE SHAFT WALL.

RESTROOMS EXHAUST GRILLES ARE BALANCED TO

AV MAX/HEAT/MIN SCHEDULE IDENTIFIER MAX AIRFLOW HEATING AIRFLOW MIN AIRFLOW 501 1300 325 501B 350 100 175 501C 250 125 501D 950 475 225 503 100 50 505 100 507 2400 1200 600 507B 350 175 100 509 100 511 100 513A 100 513B 200 513C 513D 529A 525 2050 1050 529B 825 500 1650 √ 535A <sub>~</sub> 100~ 535C

535D

541B 545

OFFICE 10x10 RA OFFICE	
513B 12x10 RA 1 12x10	
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
	Ø E(EA) TYP
14X12 RA (AHO-1)	
	6ø E(SA (AHU-1) )DN
	2 2(6) (( 110 1) )2 (
300	
24ø E(OA )DN	VAN
	OFFICE (F) MARK
R-3 10¢ FEMALE RESTROOM PAV-4 FEMALE RESTROO	535D VAV-16
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	4x12 RA (AHU-2) VAV-4 VAV-4
OFFICE/ CONTROL  VAV-4  100  100  100  100  100  100  100  1	VAV-10
507B 513A VAV-4	VAV-10
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	VAV-4
350 10 307B VAV-4 100 S-1 VAV-4 100 S-1 S-29A S-1 S-29A S-1 S-2 S-2 S-1 S-2 S-1 S-2 S-2 S-1 S-2	VAV-24
80 10854 0 300 00 300 00 00 00 00 00 00 00 00 00	VAV-4
CORRIDOR STORAGE STORA	——————————————————————————————————————
	VAV-4
58x20.SA (AHU-1)  58x20.SA (AHU-1)  58x20.SA (AHU-1)	VAV-4
58x20.SA (AHU-1)  58x20.SA (AHU-1)  58x20.SA (AHU-1)	VAV-4
	VAV-4
FEMALE RESTROOM OF TAXABLE PROTECTION OF TAX	——————————————————————————————————————
SKILLS LAB 1 48x24 SA (AHU-1) 48x24 SA (	1 VAV-24
S-3	VAV-24
S-3 S-1 S-1 S-250 S-3 S-250 S-3 S-250 S-3	VAV-4 VAV-4
S-3 No	VAV-4
	VAV-4
	VAV-4
16x14 SA   18x16 SA   22x16 SA   18ø SA   1100 - 100 -	VAV-24
	VAV-4
	VAV-4
32x20 100 100 100 100 100 100 100 1	
38x24 100 1 38x24 100 1 38x24 250 250 250 250 250 250 250 250 250 250	
S3 S	
Table 1 250 The standards of the standar	( J )
26x18 SA (AHU-2) 242 DN ELEVATOR 1000	
36x20 EL-A GORRIDOR ( ) 30y48 BA (AHIL-2) 1000	
32X20 RA (AHU-2) 32X20	
STANDARDIZED 30,1474 (A10-2)	

/ 12Ø E(EA) TYP

FIFTH FLOOR - AIR DISTRIBUTION - NEW

RECRUITER OFFICE 501B

WORK - PHASE 9

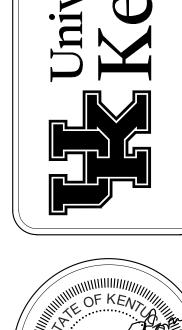
SCALE: 1/8" = 1'-0"



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OCUMENTS

CONT



BASEMENT - HYDRONICS - NEW WORK - PHASE MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

ADDENDUM 03 8.9.2023

07 JULY 2023

UKY2205

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY



MD13 DEMOLISH AND REMOVE VAV BOX, INCLUDING ALL HEATING HOT WATER PIPING TO POINTS INDICATED, HANGERS, SUPPORTS, INSULATION, CONTROLS, PIPING SPECIALTIES AND ALL OTHER APPURTENANCES.

MD14 DEMOLISH AND REMOVE HEAT RECOVERY PIPING TO POINTS INDICATED, INCLUDING ALL HANGERS SUPPORTS, PIPING SPECIALTIES, INSULATION AND ALL OTHER APPURTENANCES. MD16 DEMOLISH AND REMOVE LOW PRESSURE CONDENSATE PIPING UP TO MAU, INCLUDING ALL HANGERS SUPPORTS, PIPING

SPECIALTIES, INSULATION AND ALL OTHER APPURTENANCES. MD17 DEMOLISH AND REMOVE LOW PRESSURE CONDENSATE PIPING UP TO AHU HUMIDIFIER, INCLUDING ALL HANGERS SUPPORTS, PIPING SPECIALTIES, INSULATION AND ALL OTHER APPURTENANCES. MD18 DEMOLISH AND REMOVE LOW PRESSURE CONDENSATE PIPING UP TO AHU HEATING COIL, INCLUDING ALL HANGERS SUPPORTS,

PIPING SPECIALTIES, INSULATION AND ALL OTHER

APPURTENANCES. MD27 DEMOLISH AND REMOVE ABANDONED LOW PRESSURE STEAM PIPING AT THIS LOCATION, INCLUDING ALL PIPING SPECIALTIES AND ALL OTHER APPURTENANCES. ABANDONED STEAM PIPE TRAVELS DOWN BELOW FLOOR AND IS CUT BELOW FLOOR. PATCH FLOOR PENETRATION.

MD47 CONTRACTOR SHALL TAKE PRE-CONSTRUCTION DIFFERENTIAL PRESSURE READINGS ON HEATING HOT WATER PIPING SET AT THIS LOCATION. THIS READING SHALL BE INITIAL CONTROL SETPOINT FOR THE HEATING HOT WATER PUMPS LOCATED IN THE BASEMENT.

STENGEL HILL ARCHITECTURE

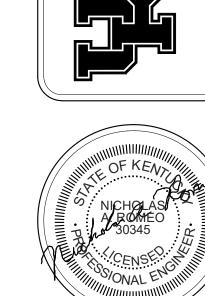
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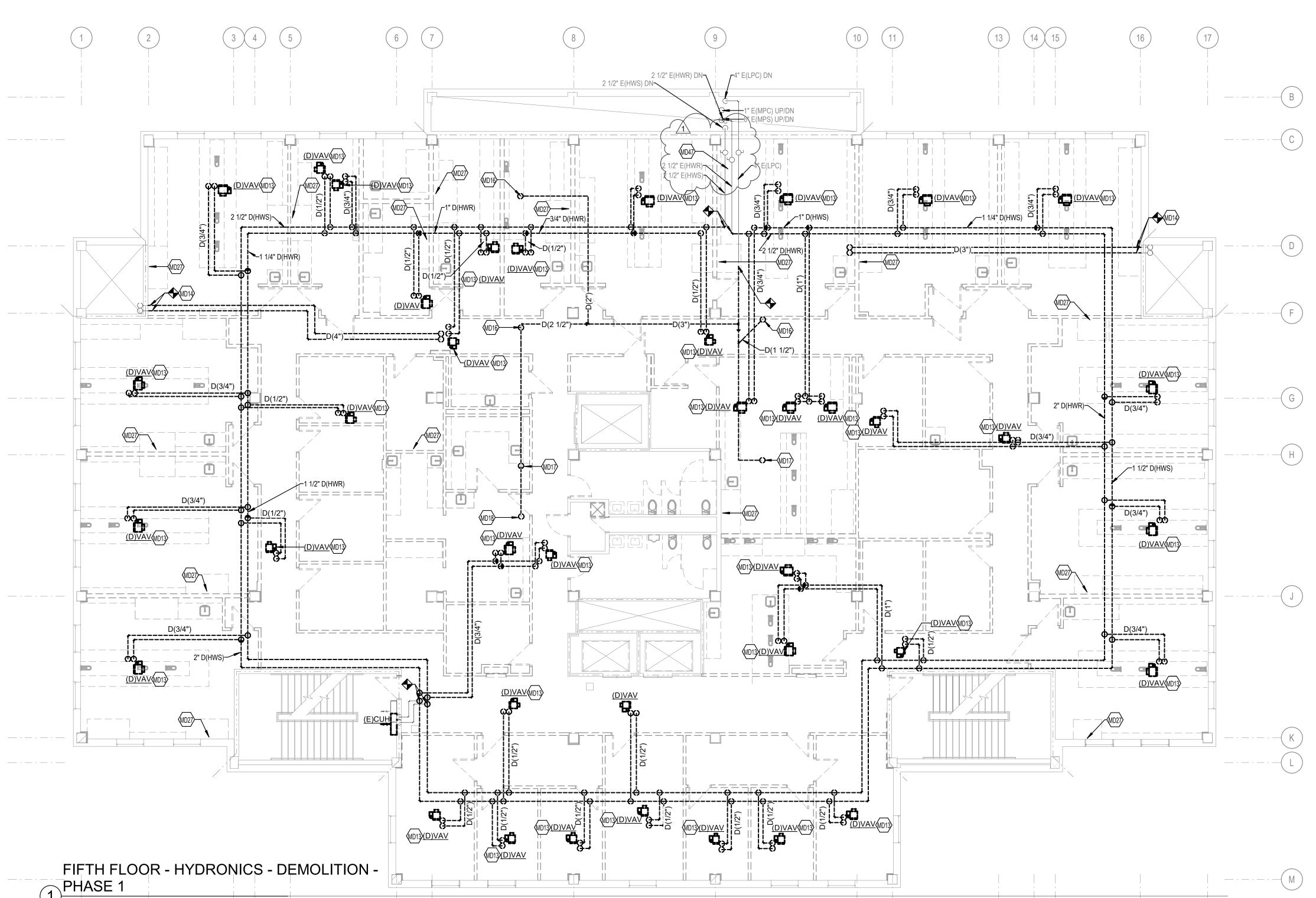
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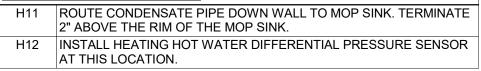


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ADDENDUM 03 8.9.2023



H11 ROUTE CONDENSATE PIPE DOWN WALL TO MOP SINK. TERMINATE 2" ABOVE THE RIM OF THE MOP SINK.





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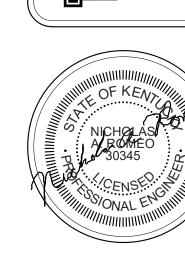
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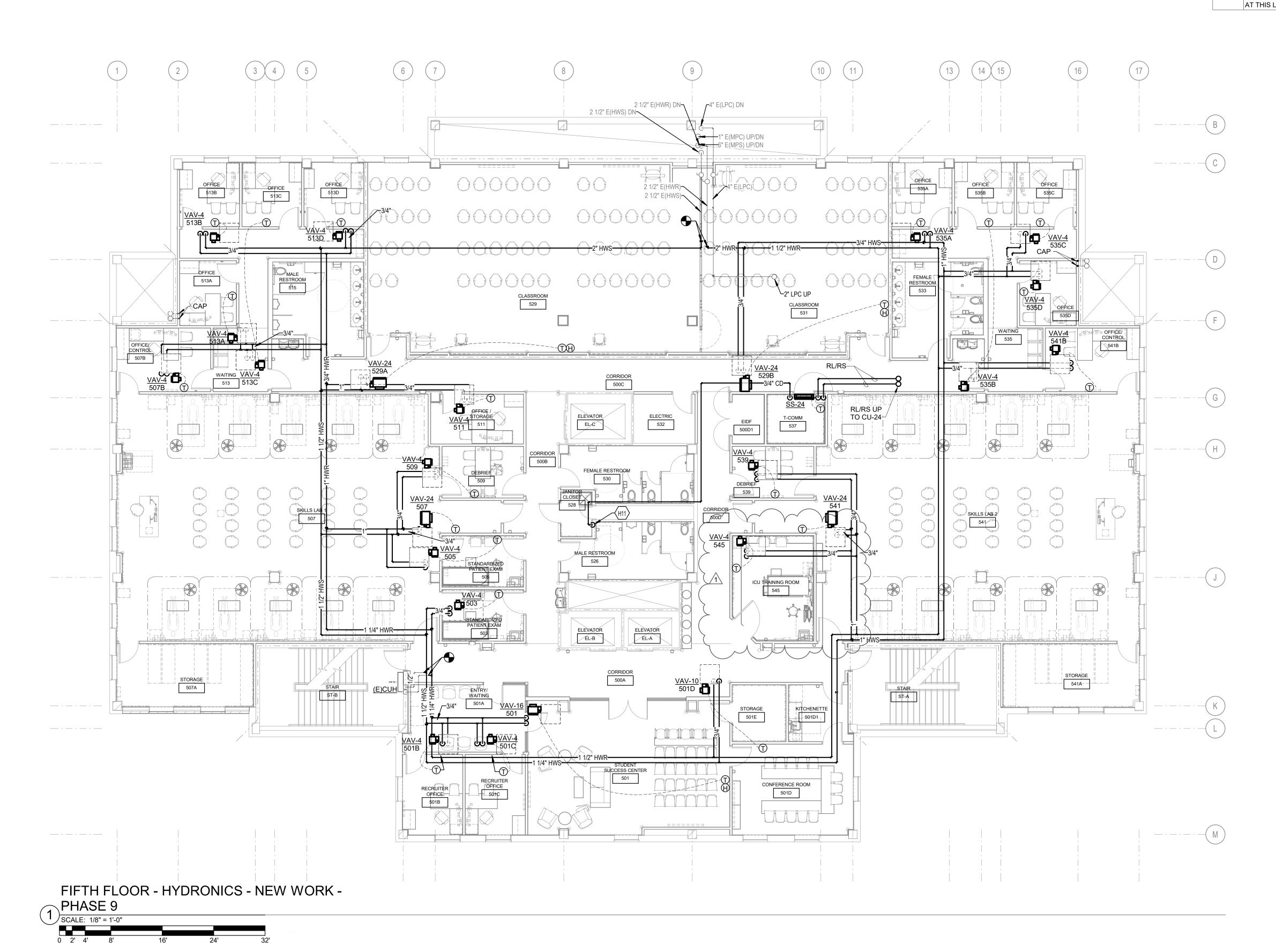
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ADDENDUM 03 8.9.2023





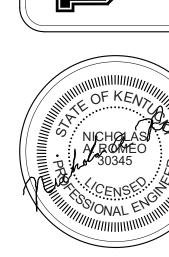
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY MECHNICAL PIPING SCHEMATICS

ADDENDUM 03 8.9.2023

07 JULY 2023

M5.1

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07 JULY 2023

OWNED BUDGLIAGE / CONTRACTOR INCTALLED. AID HANDLING LINET COLEDULE

OWNER PURCHASE / CONTRACTOR INSTALLED - AIR HANDLING UNIT SCHEDULE																							
							PHYSIC	AL DATA		SUPPLY FAN													
			UNIT							TOTAL	MIN. OA	FAN MOTOR					RATED H.P. (PEF	B.H.P. (PER					
MARK	MANUFACTURER	MODEL#	CONFIGURATION	SERVICE	LOCATION	WIDTH (IN.)	LENGTH (IN.)	HEIGHT (IN.)	WEIGHT (LBS)	SA CFM	CFM	TYPE	# OF FANS	S FAN RPM	E.S.P. (" WC)	T.S.P. (" WC)	FAN)	FAN)	VOLT. P	H. MCA	MOCP	VFD	REMARKS
AHU-1	TEMPTROL	CUSTOM	INDOOR	SOUTH SIDE	PENTHOUSE	128	298	109	15361	30700	6140	PLENUM PLUG	6	2820	2.50	5.48	10.0	6.3	208 V	163 /	A 175	Yes	ALL
AHU-2	TEMPTROL	CUSTOM	INDOOR	NORTH SIDE	PENTHOUSE	126	298	109	15459	30250	6050	PLENUM PLUG	6	2801	2.75	5.48	10.0	6.2	208 V	163 /	A 175	Yes	ALL

#### REMARKS:

1. THE BELOW NOTES ARE FOR REFERENCE ONLY. AHU-1&2 ARE OWNER PURCHASED CONTRACTOR INSTALLED.

2. AIR HANDLING UNIT (AHU-1) SHALL BE PROVIDED WITH AN ECONOMIZER MIXING SECTION WITH TOP RETURN AND BACK OUTSIDE AIR CONNECTIONS, MERV 8/13 COMBO PRE FILTER, HOT WATER HEATING COIL, ACCESS SECTION, CHILLED WATER COOLING COIL, ACCESS SECTION, SUPPLY FAN WALL AND DISCHARGE PLENUM WITH BOTTOM DISCHARGE (AHU-1) AND FRONT DISCHARGE (AHU-2).

PROVIDE PREMIUM EFFICIENT MOTOR COMPLETE WITH TYPE H INSULATION.

. UNIT SHALL HAVE THE FOLLOWING ELECTRICAL POWER CONNECTIONS: (1) 208V/3PH FOR SUPPLY FAN VFD, (1) 120V/1PH TO INTERIOR LIGHTS VIA FACTORY MOUNTED EXTERNAL J-BOX. REFER TO AHU'S SECTION DETAIL ON THIS SHEET FOR DOOR, COIL CONNECTIONS LOCATIONS.

MANUFACTURER SHALL PROVIDE FACTORY START UP SERVICES AS PART OF THE BID.

13. ALTERNATIVE 1: PROVIDE UNIT WITH COONEY COOLING COIL IN LIEU OF A STANDARD COOLING COIL.

PROVIDE FAN REMOVAL RAIL AT SUPPLY FAN ARRAY FOR FAN MOTOR REMOVAL. PROVIDE STAINLESS STEEL DRAIN PANS AT COOLING COIL SECTIONS.

PROVIDE CAMFIL C78 FILTER CLIPS AT FILTER RACKS. CLIPS SHALL BE SIZED TO MATCH FILTER DIMENSIONS.

10. PROVIDE INDIVIDUAL BACKDRAFT DAMPERS AT ALL FANS.

11. FAN ARRAY VFD'S, DAMPER ACTUATORS, AND ALL OTHER CONTROLS APPURTENANCES TO BE PROVIDED BY CONTROLS CONTRACTOR IN SEPARATE BID PACKAGE. 12. LOCATION OF AHU-1'S SUPPLY DROP IS CRITICAL AND SHALL BE MATCHED DIMENSIONALLY FROM THE BACK OF THE UNIT AS INDICATED IN THE SECTION DETAIL ON THIS SHEET.

#### OWNER PURCHASED / CONCTRACTOR INSTALLED - RETURN FAN LINIT SCHEDLILE

							PHYSIC	AL DATA							RETURN FAN								
			UNIT							TOTAL RA	FAN MOTOR					RATED H.P.	B.H.P.						
MARK	MANUFACTURER	MODEL#	CONFIGURATION	SERVICE	LOCATION	WIDTH (IN.)	LENGTH (IN.)	HEIGHT (IN.)	WEIGHT (LBS)	CFM	TYPE	# OF FANS	FAN RPM	E.S.P. (" WC)	T.S.P. (" WC)	(PER FAN)	(PER FAN)	VOLT.	PH.	MCA	MOCP	VFD	REMARKS
AHU-1	TEMPTROL	CUSTOM	INDOOR	SOUTH SIDE	PENTHOUSE	128	298	109	15361	29850	PLENUM PLUG	6	1924	2.50	3.07	5	3.6	208 V	3	86 A	100	Yes	ALL
AHU-2	TEMPTROL	CUSTOM	INDOOR	NORTH SIDE	PENTHOUSE	126	298	109	15459	29850	PLENUM PLUG	6	1924	2.50	3.07	5	3.6	208 V	3	86 A	100	Yes	ALL

#### 1. THE BELOW NOTES ARE FOR REFERENCE ONLY. AHU-1&2 ARE OWNER PURCHASED CONTRACTOR INSTALLED.

2. RETURN FAN UNIT SHALL BE PROVIDED WITH AN RELIEF SECTION WITH TOP RELIEF CONNECTION. BOTH FAN ARRAYS ARE TO BE LOCATED IN A SINGLE ENCLOSURE. 3. PROVIDE PREMIUM EFFICIENT MOTOR COMPLETE WITH TYPE H INSULATION.

4. UNIT SHALL HAVE THE FOLLOWING ELECTRICAL POWER CONNECTIONS: (1) 208V/3PH FOR RETURN FAN (AHU-1) VFD, (1) 208V/3PH FOR RETURN FAN (AHU-2) VFD, (1) 120V/1PH TO INTERIOR LIGHTS VIA

FACTORY MOUNTED EXTERNAL J-BOX. 5. REFER TO RF-1&2 SECTION DETAIL ON THIS SHEET FOR DOOR LOCATIONS.

6. MANUFACTURER SHALL PROVIDE FACTORY START UP SERVICES AS PART OF THE BID.

7. PROVIDE FAN REMOVAL RAIL AT EACH FAN ARRAY FOR FAN MOTOR REMOVAL.

8. PROVIDE STAINLESS STEEL DRAIN PANS AT COOLING COIL SECTIONS.

9. PROVIDE INDIVIDUAL BACKDRAFT DAMPERS AT ALL FANS. 10. FAN ARRAY VFD'S

D'S,	DAMPER ACTUATORS	, AND ALL OTHER	<b>CONTROLS APPURT</b>	ENANCES TO BE PR	OVIDED BY CONTROLS	S CONTRACTOR IN SEPARAT	E BID PACKAGE.

		OWNER PURCH	IASE / CONTR	RACTO	R INST	ALLED - AIR	HANDLING UNIT SCHEDU	LE - CHILLE	D WATER C	OIL		
						CHIL	LED WATER COIL					
									MAX. WATER			MAX. FIN
	COOLING CAPACITY	COOLING CAPACITY SENSIBLE	EAT WB			MAX. FACE VELOCITY	MAX. AIR PRESSURE DROP	WATER FLOW RATE	PRESSURE DROP	MAX. COIL		SPACING
MARK	(MBH)	(MBH)	EAT DB (°F) (°F)	LAT DB (°F)	LAT WB (°F)	(FPM)	(IN. WG) EWT (°F) LWT (°F)	(GPM)	(FT)	ROWS	NO. OF COILS	(FINS/IN)
AHU-1	933.1	729.6	76.5 64.1	53.9	53.5	496	0.62 42 56	133	4.68	4	~2	12
AHV-2	1025.2	λβ4.0′	76.5 64.1	52.5	52.1	<b>499</b>	0.64 \ 42 \ 56	146	12.68	4	2	12

1. CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD INSTALLING AND SEALING THE SEPERATELY SHIPPED CHILLED WATER COONEY COILS INTO AHU-1 & 2 AND PROVIDE ALL INFILL MATERIAL OF 16 GAUGE GLAVALNIZED SHEET METAL FROM COIL TO CABINET WALL, FLOOR AND

		OWNER P	URCH	JASE /	CONTRACT	OR INSTALLED	- AIR	HAN	DLING UNIT	SCHEDULE - H	FAW TOP	TER COIL	
							HOT V	VATER COI	L				
					MAX. FACE VELOCITY	MAX. AIR PRESSURE DROP			WATER FLOW RATE	MAX. WATER PRESSURE	MAX COIL		MAX. FIN SPACING
MAI	RK	TOTAL HEATING CAP (MBH)	EAT (°F)	LAT (°F)	(FPM)	(IN WG)	EWT (°F)	LWT (°F)	(GPM)	DROP (FT)	ROWS	NO OF COILS	(FINS/IN)
AHL	J-1	320.0	46.5	60.1	511	0.06	140	110	21.6	1.47	1	1	6
AHL	J-2	330.5	46.5	60.8	462	0.05	140	110	22.3	2.03	1	1	6

	C	WNER PL	JRCHASE	/ CONTRACTO	R INSTALLED	- AIR HANDL	ING UNIT	SCHEDU	LE - FILTER SE	CTION	
						FILTER SECTION					
			PREF	FILTER				PRIMARY F	ILTER		
		FILTER	FACE VELOCITY	PRESSURE DROP (CLEAN)	PRESSURE DROP (DIRTY)		FILTER	FACE VELOCITY	PRESSURE DROP (CLEAN)	PRESSURE DROP (DIRTY)	
MARK	TYPE	EFFICIENCY	(FPM)	("WC)	("WC)	TYPE	EFFICIENCY	(FPM)	("WC)	("WC)	REMARKS
AHU-1	2" PLEATED	MERV 8	495	0.24	1.00	4" RIGID BOX FILTER	MERV 13	495	0.58	1.50	ALL
AHU-2	2" PLEATED	MERV 8	495	0.24	1.00	4" RIGID BOX FILTER	MERV 13	495	0.58	1.50	ALL

LENGTH

			AIR	SEPAR	ATOR S	CHEDULE			
MARK	MANUFACTURER	MODEL#	SERVICE	MOUNTING	INLET PIPE SIZE	OUTLET PIPE SIZE	WATER FLOW RATE (GPM)	WATER PRESSURE DROP (FT HD)	REMARKS
AS-1	BELL & GOSSETT	R-2-1/2N	AHU HEATING HOT WATER	INLINE	2.5	2.5	60	0.71	

1. PROVIDE WITH TYPE 304 STAINLESS STEEL STRAINER WITH 3/16" DIAMETER PERFORATIONS AND 51% OPEN AREA. 2. PIPE DRAIN LINE TO NEAREST FLOOR DRAIN.

BLADDER AHU HEATING HOT WATER BELL & GOSSETT B35

MANUFACTURER MODEL#

	EXHAUST FAN SCHEDULE													
					AIRFLOW					El	ECTRICAL DATA	A		
MARK	MANUFACTURER	MODEL#	SERVICE	TYPE	(CFM)	E.S.P.	DRIVE	RPM	FAN HP	VOLTAGE	PHASE	HZ	SONES	REMARKS
EF-1	GREENHECK	G-095-D	TOILET EXHAUST	CENTRIFUGAL	275	0.50	DIRECT	1461	0.13	115 V	1	60	9	ALL
EF-2	GREENHECK	G-095-D	TOILET EXHAUST	CENTRIFUGAL	275	0.50	DIRECT	1461	0.13	115 V	1	60	9	ALL

**EXPANSION TANK SCHEDULE** 

PHYSICAL SIZE (IN)

WIDTH

HEIGHT

**CAPACITY** ACCEPTANCE VOLUME

(GALS)

10.00

AIR CHARGE

PRESSURE

45.00

REMARKS

TANK VOLUME

(GALS)

10.0

1. PROVIDE FAN WITH 14" ROOF CURB, MOTORIZED DAMPER WITH END SWITCH THAT SHALL OPEN WHEN FAN IS COMMANDED ON, ALUMINUM BIRD SCREEN. DISCONNECT SWITCH BY EC.

					HEAT	EXCHAN	IGER S	&T STEAM	TO WA	TER						
	SHELL (STEAM) TUBE (WATER)															
								TOTAL HEATING		ENTERING PRESS.					FOULING	
MARK	MANUFACTURER	MODEL#	TYPE	SERVICE	DIAMETER (IN)	LENGTH (IN)	PASSES	(MBH)	LBS/HR	(PSI)	GPM	P.D. (FT)	EWT (°F)	LWT (°F)	FACTOR	REMARKS
HX-2A	BELL & GOSSETT	SU64-2	SHELL AND TUBE	AHU HEATING HOT WATER	6	52	2	890.0	938	15	60	2.00	110	140	0.0005	ALL
HX-2B	BELL & GOSSETT	SU64-2	SHELL AND TUBE	AHU HEATING HOT WATER	6	52	2	890.0	938	15	60	2.00	110	140	0.0005	ALL

SERVICE

1. LOCATE ON MOUNTING STAND TO ALLOW CONDENSATE TO SLOPE TO CONDENSATE PUMP RECEIVER. 2. SHELL AND TUBE WATER DISTRIBUTION HEADER SHALL BE IN A MARINE BOX CONFIGURATION.

						HYDR	ONIC	PUMP SCHEE	ULE									
											, E	LECTRICAL DAT	A		1" HIGH			
						PRESSURE (FEET		MINIMUM EFFICIENCY							STAINLESS STEEL DRAIN	TRIPLE DUTY	SUCTION	
MARK	MANUFACTURER	MODEL	TYPE	SERVICE	GPM	HEAD)	VFD	(%)	RPM	HP	BRAKE HP	VOLTAGE	PHASE	HZ	PAN	VALVE	DIFFUSER	REMARKS
HWP-1A	BELL & GOSSETT	E-1510 - 2.5BB	END SUCTION	BUILDING HEATING HOT WATER	217	45.00	Yes	71.5	1800	5	3.4	208 V	3	60	Yes	No	YES	1,3
HWP-1B	BELL & GOSSETT	E-1510 - 2.5BB	END SUCTION	BUILDING HEATING HOT WATER	217	45.00	Yes	71.5	1800	5	3.4	208 V	3	60	Yes	No	YES	1,3
HWP-2A	BELL & GOSSETT	E-1510 - 1.25AD	END SUCTION	AHU HEATING HOT WATER	60	35.00	Yes	63.1	1800	1	0.8	208 V	3	60	Yes	No	YES	2,3
HWP-2B	BELL & GOSSETT	E-1510 - 1.25AD	END SUCTION	AHU HEATING HOT WATER	60	35.00	Yes	63.1	1800	1	0.8	208 V	3	60	Yes	No	YES	2.3

REMARKS:

1. ALTERNATIVE 2. 2. BASE BID.

3. PROVIDE 4" CONCRETE HOUSEKEEPING PAD.

							HYDRO	NIC UNI	T HEATE	R SCH	<b>EDULE</b>							
					DIMENSIONS (IN)				SUPPLY FAN					F	OT WATER COIL	_		
MARK	MANUFACTURER	MODEL#	TYPE	LENGTH	WIDTH	HEIGHT	WEIGHT (LBS)	CFM	DRIVE	HP	VOLTAGE	PHASE	CAPACITY (MBH)	EWT (°F)	LWT (°F)	GPM	WPD (IN. WG)	REMARKS
UH-1	MODINE	HSB/HC 33	HORIZONTAL	17	15	16	34	630	DIRECT	0.04	115 V	1	19.5	140	110	1.4	1.00	ALL

REMARKS: 1. SINGLE POINT POWER CONNECTION.

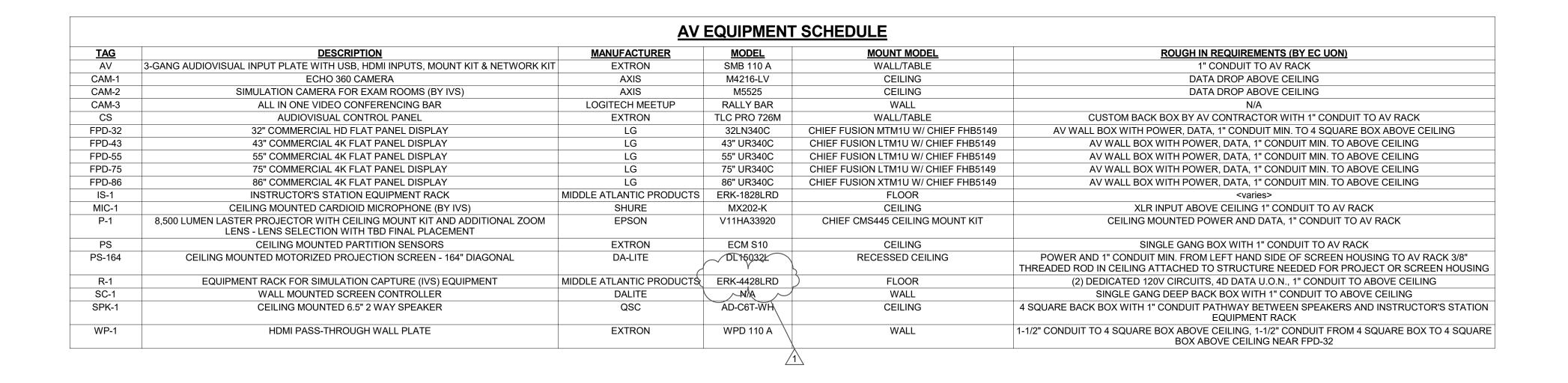
2. FACTORY-MOUNTED DISCONNECT.

3. UNIT SHALL BE CONTROLLED VIA A FIELD INSTALLED DDC CONTROLLER. REFER TO CONTROL DRAWING IC1.4.

AV SYSTEMS	
PROJECTOR WITH MOUNT (CEILING OR WALL AS INDICATED)	CLG
LOCAL SOUND SPEAKER: CEILING	CLG
CEILING MOUNTED MICROPHONE	CLG
CEILING MOUNTED AV CAMERA; REFER TO AV EQUIPMENT SCHEDULE AND SPECIFICATIONS FOR MORE INFORMATION.	CLG
AV INPUT (OR OUTPUT) WALL PLATE. REFER TO AV FLOW DIAGRAMS FOR TYPE AND QUANTITY OF CONNECTIONS.	1'-6"
AV TOUCHSCREEN CONTROL STATION	46"
FLAT PANEL DISPLAY; REFER TO DRAWINGS AND AV EQUIPMENT SCHEDULE FOR MORE INFORMATION.	48" AFF TO BOTTOM U.O.N.
LOW VOLTAGE SCREEN TRAVEL CONTROLLER	48" AFF TO BOTTOM U.O.N.
NURSE CALL (ROUGH-IN AND CABLING BY CON' PARTS AND SMART BY HILL-ROM)	TRACTOR,
DOME LIGHT: CEILING MOUNTED	CLG
EMERGENCY STATION: PULLCORD	46"
STAFF STATION	46"
SINGLE PATIENTSTATION: WITH CALL CORD AND (4) AUXILIARY JACK INPUTS. WIRELESS, PROVIDE BACK BOX AT EACH LOCATION.	5'-0"
MASTER STATION ANNUNCIATOR 1	5'-0"
NURSE CALL TERMINAL CABINET	5'-0"

AV LEGEND

SCALE: NONE



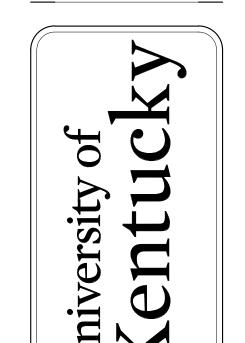


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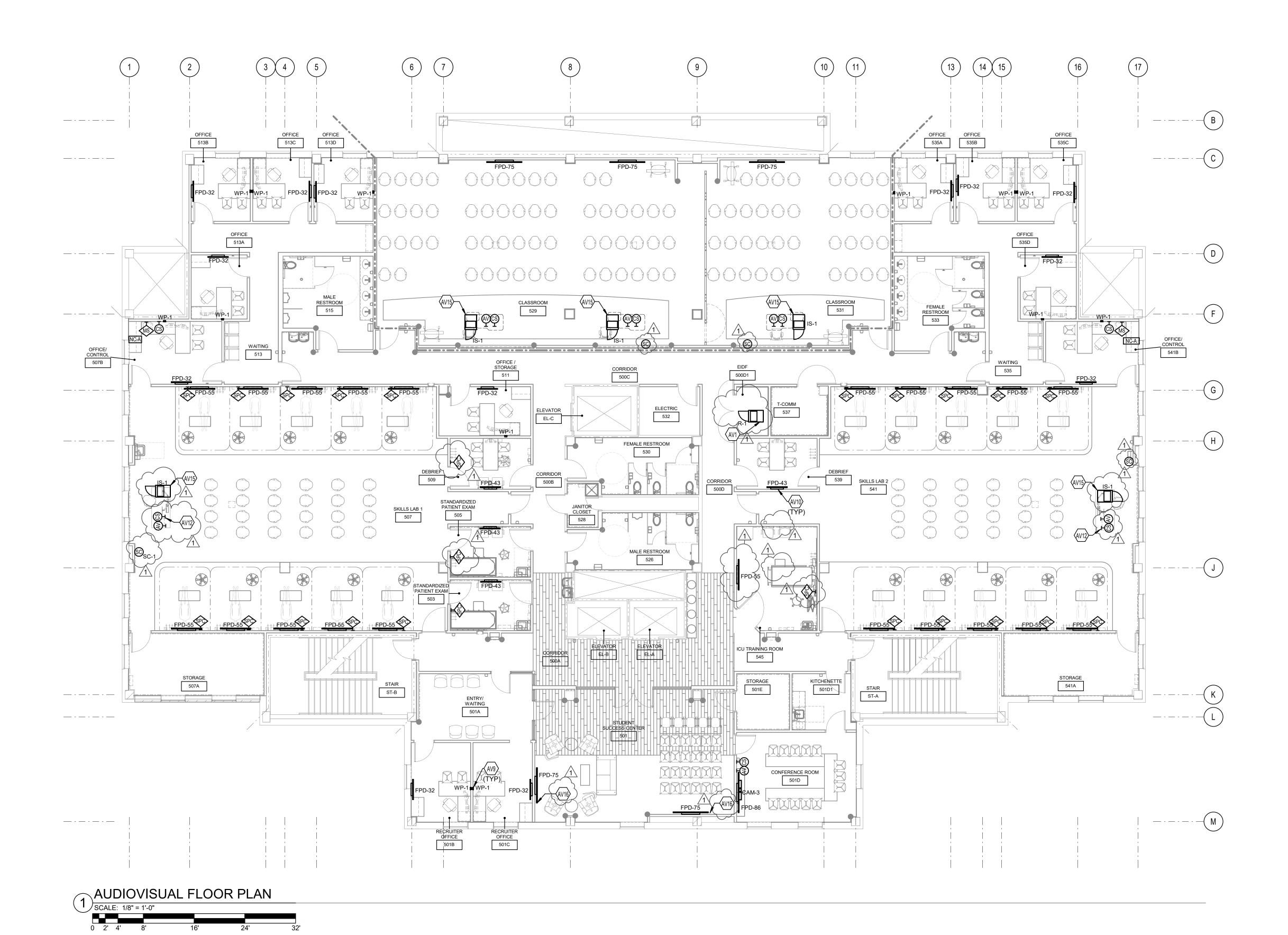


MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY AV LEGEND

ADDENDUM 03 8.9.2023

07 JULY 2023 UKY2205

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TAGGED NOTES

AV1 PROVIDE EQUIPMENT RACK FOR ALL RACK MOUNTED EQUIPMENT SERVING SKILLS LAB 1 AND 2. REFER TO RACK ELEVATION FOR ALL REQUIRED EQUIPMENT.

AV9 TYPICAL IN EACH OFFICE: PROVIDE HDMI CABLE IN 1.5" CONDUIT BETWEEN WP-1 AT DESK AND HDMI OUTPUT PLATE BEHIND FLAT PANEL DISPLAY (FPD-32). WP-1 TO BE MOUNTED AT 18" AFF AND OUTPUT PLATE BEHIND DISPLAY TO BE MOUNTED AT 66" AFF.

AV10 TYPICAL FOR EACH EXAM ROOM: PROVIDE 43" FLAT PANEL DISPLAY WITH OWNER-FURNISHED SMALL FORM FACTOR PC AND WIRELESS KEYBOARD AND MOUSE.

AV12 INSTALL AUDIOVISUAL INPUT PLATE AND CONTROL PANEL ON INSTRUCTOR DESK. SEE AUDIOVISUAL FLOW DIAGRAMS AND AV EQUIPMENT SCHEDULE FOR ADDITIONAL INFORMATION.

AV15 CABLING TO ROUTE THROUGH POKE-THRU DEVICE. REFER TO ELECTRICAL SHEET E2.2B FOR MORE INFORMATION.

AV16 DISPLAY FOR DIGITAL SIGNAGE AND CONTENT SHARING. REQUIRES 2D DATA IN WALLBOX BEHIND DISPLAY FOR KORBYT PLAYER AND EXTRON SHARELINK 500 PRO

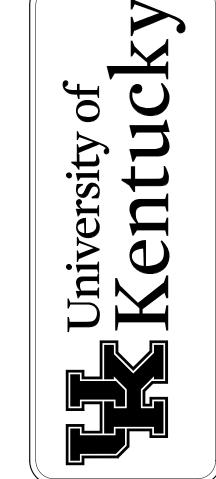
STENGEL HILL ARCHITECTURE

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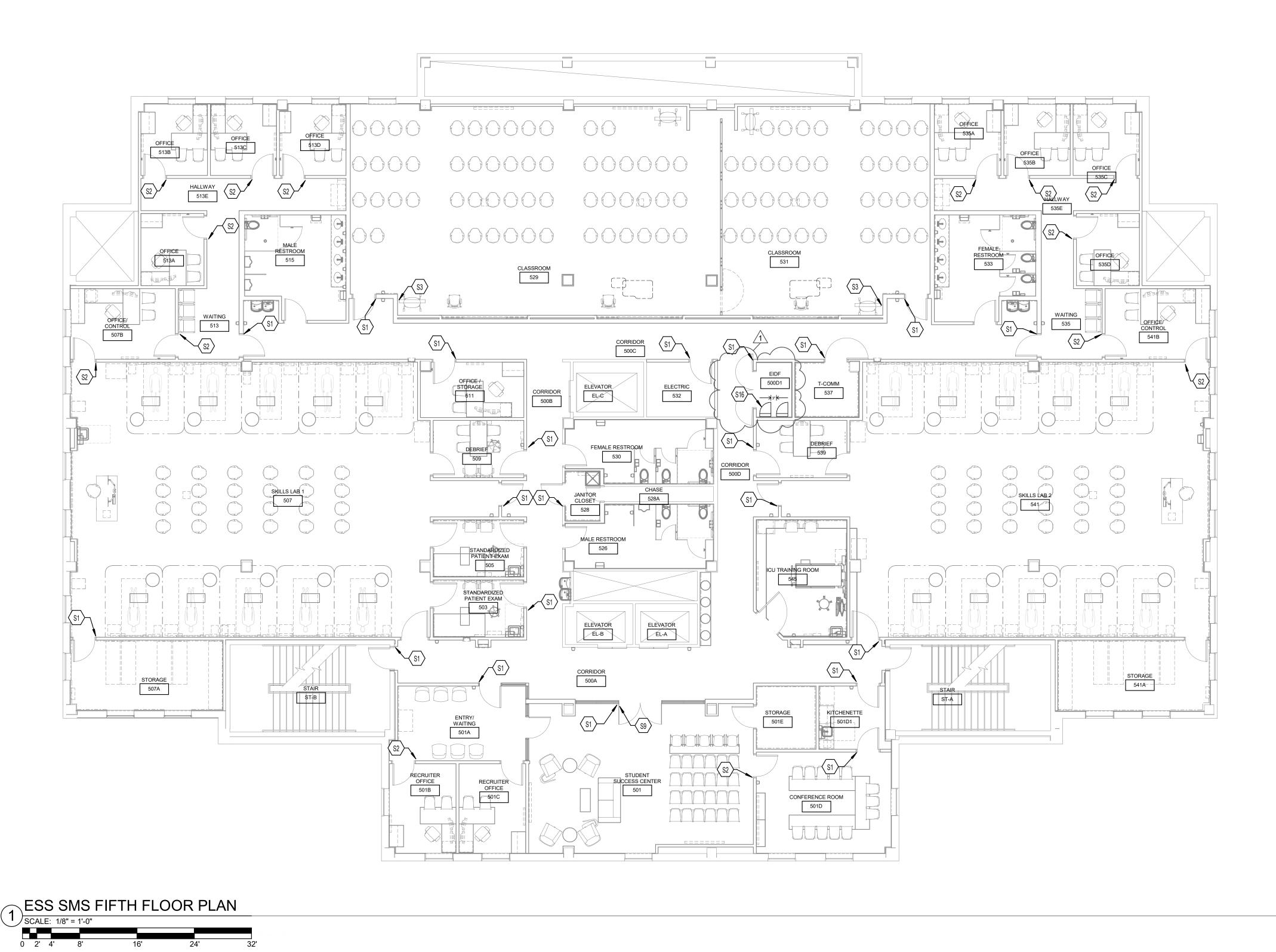
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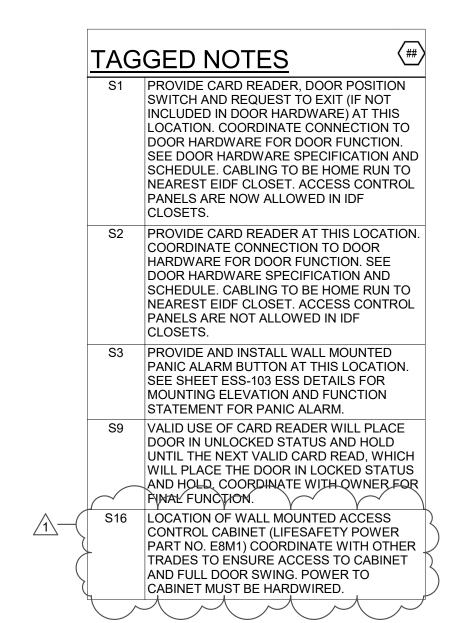
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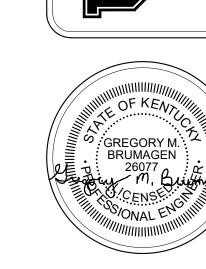
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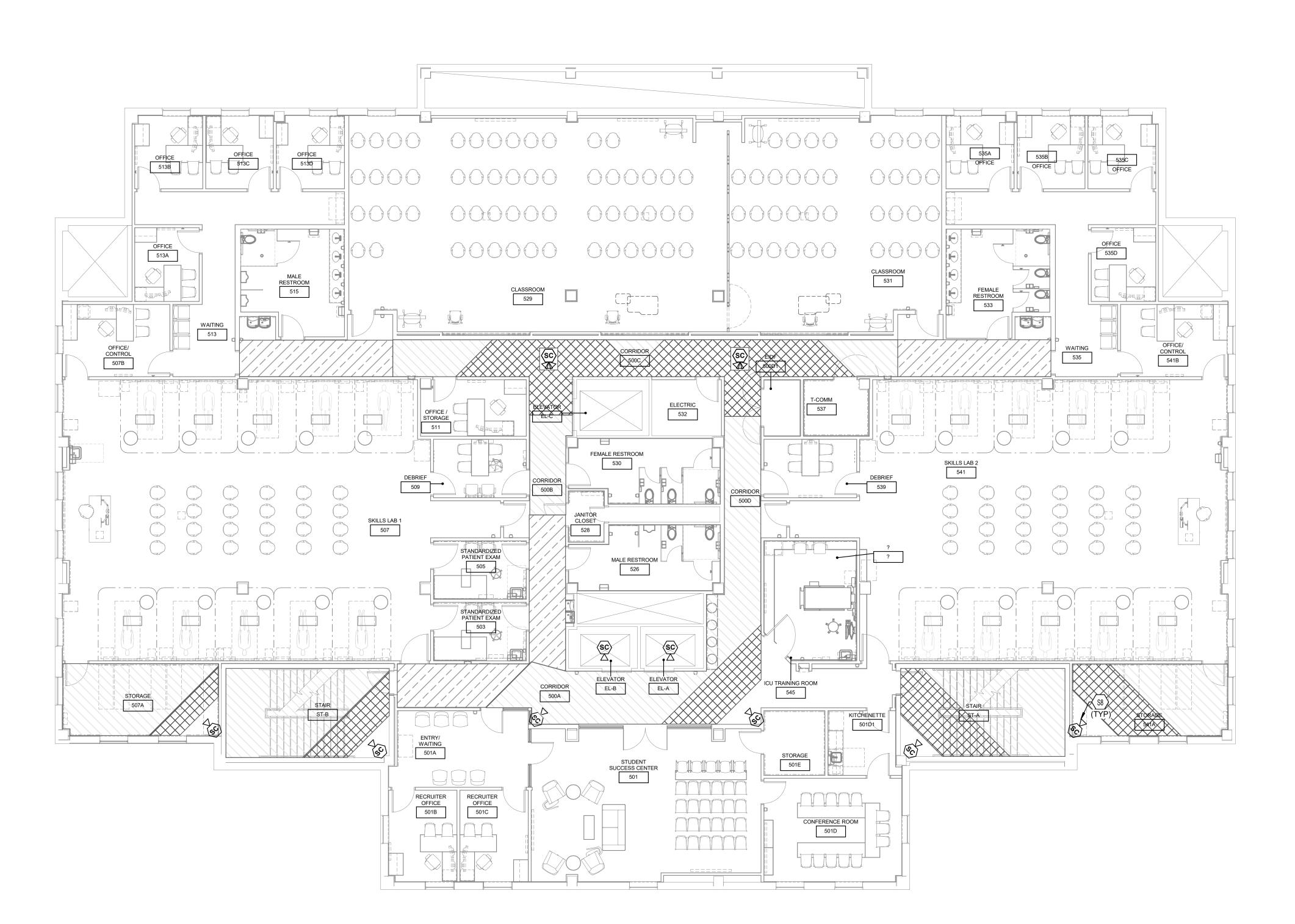


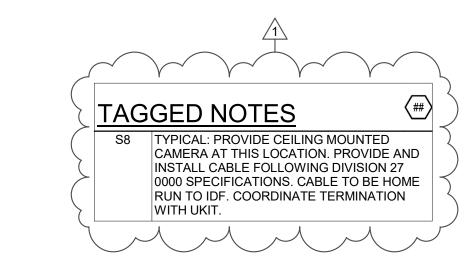
ESS SMS FIFTH FLOOR PLAN

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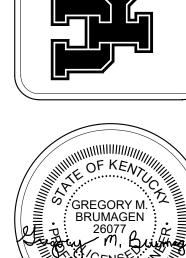


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GREGORY M. DE SERVICION SE

ESS VMS FIFTH FLOOR PLAN
MDS FIFTH FLOOR RENOVATION
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

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07 JULY 2023

UKY2205

ESS VMS FIFTH FLOOR PLAN

SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16' 24'

STENGEL HILL ARCHITECTURE

501 EAST HIGH STREET

LEXINGTON, KENTUCKY 40502 859.402.8008

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University of Kentucky



ESS DETAILS

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LEXINGTON, KENTUCKY

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SS-103

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

DESCRIPTION	MOUNTING HEIGHT	SYMBO
FIRE ALARM		
MAIN CONTROL PANEL CENTRAL PROCESSING UNIT (CPU)	6'-6" TO TOP	FACP
REMOTE L.C.D. FIRE ALARM ANNUNCIATOR	54"	FAA
REMOTE FIRE ALARM ANNUNCIATOR W/ MICROPHONE	54"	FAAM
LOCAL OPERATOR CONSOLE	54"	LOC
SMOKE EVACUATION CONTROL PANEL	54"	SECP
POWER SUPPLY/CONTROL FOR AUDIO/VISUAL DEVICES	46"	NAC
TRANSPONDER CABINET	46"	TRAN
GRAPHICS DISPLAY TERMINAL		GDT
FIRE ALARM CONTROL EXTENDER		EXT
POST INDICATOR VALVE		PIV
PULL STATION : DOUBLE ACTION	46" TO LEVER	F
KEYED, LOCKED PULL STATION : DOUBLE ACTION. STATION SHALL ONLY BE OPERABLE VIA KEY IN POSSESSION OF STAFF.	46" TO LEVER	EK
VISUAL NOTIFICATION - CLEAR & AMBER STROBES CONDUIT/BACK BOX ONLY SIMPLEX INSTALL WIRE AND DEVICES	WALL, CLG	
AUDIO-ONLY NOTIFICATION APPLIANCE CONDUIT/BACK BOX ONLY SIMPLEX INSTALL WIRE AND DEVICES	WALL, CLG	ă ă
BELL / LIGHT	80"	BL
BELL ONLY	80"	В
PHOTO-ELECTRIC SMOKE DETECTOR	CLG	SD
PHOTO-ELECTRIC SMOKE DETECTOR FOR PATIENT ROOM MONITORING (SEE RISER)	CLG	SDP
PROJECTED BEAM SMOKE DETECTOR; EMITTER (BE) AND RECEIVER (BR)		BE BR
HEAT DETECTOR	CLG	HD
CARBON MONOXIDE DUCT DETECTOR	ABOVE CEILING	CD
CARBON MONOXIDE ALARM: SINGLE STATION W/SOUNDER BASE	CLG	CM
CARBON MONOXIDE AUDIO/VISUAL NOTIFICATION APPLIANCE	WALL	<b>Е</b> СМ
DOOR HOLDER : WALL TYPE	WALL	DH
DOOR HOLDER : CLOSURE TYPE	ABV DOOR	DHC
DUCT SMOKE DETECTOR	ABV CLG	DD
CONNECTION TO SPRINKLER FLOW SWITCH WITH ADDRESSABLE MODULE		FS
CONNECTION TO SPRINKLER TAMPER SWITCH WITH ADDRESSABLE MODULE		TS
PRESSURE SWITCH		PS
ISOLATION MODULE	WALL	
ZONE ADDRESSABLE MODULE		Z
H.V.A.C. SMOKE DAMPER CONNECTION		SM
FLUSH MOUNTED REMOTE ALARM INDICATING STATION/TEST SWITCH	7'-6"	RI
FIREMAN'S PHONE JACK	4'-6"	FP
FIREMAN'S KNOX BOX CONNECTION		КВ
ADDRESSABLE RELAY MODULE		R
INDICATES VANDAL-PROOF POLYCARBONATE COVER, VANDAL PROOF COVERS SHALL BE UL LISTED FOR USE WITH THE SPECIFIC DEVICE THEY ARE PROTECTING		VR
INDICATES CHIME AUDIBLE NOTIFICATION		СН
	1	

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
LIGHTING CONTROLS		
LIGHT SWITCH: LOW VOLTAGE (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	46"	<b>\$</b> #
EXAM LIGHT SWITCH	46"	<b>\$</b> X
NIGHT LIGHT SWITCH WITH CONSTANTLY ILLUMINATED HANDLE	46"	<b>\$</b> N
SURGICAL LIGHT INTENSITY CONTROL	46"	<b>\$</b> <sup>SL</sup>
LOW VOLTAGE DIMMER SWITCH (WHEN PRESENT, # INDICATES QUANTITY OF CHANNELS)	46"	\$ <sup>D#</sup>
GRAPHIC TOUCHSCREEN CONTROL STATION	46"	<b>\$</b> <sup>G</sup>
LINE VOLTAGE SWITCH	46"	<b>\$</b> LV
LINE VOLTAGE THREE-WAY, FOUR-WAY SWITCH	46"	\$ LV3 \$ LV4
LINE VOLTAGE THREE-WAY, FOUR-WAY DIMMER SWITCH	46"	\$ LV3D \$ LV4[
KEYED SWITCH	46"	\$ K \$ OS \$ VS
OCCUPANCY OR VACANCY SENSOR SWITCH OCCUPANCY OR VACANCY SENSOR SWITCH WITH DIMMING	46"	\$ DOS
LIGHT SWITCH FOR UNDER-CABINET LIGHTS	46"	<b>\$</b> U
ILLUMINATED HANDLE LIGHT SWITCH (ILLUMINATED WHEN LOAD IS	46"	\$ IL
OFF)	46"	\$ PL
PILOT LIGHT SWITCH (ILLUMINATED WHEN LOAD IS ON)  TIMER SWITCH	46"	<b>\$</b>   <b>\$</b> <sup>T</sup>
OCCUPANCY OR VACANCY SENSOR, CEILING MOUNT - DUAL	CLG	(6) (7)
CONTACT FOR VAV CONTROL		1
OCCUPANCY SENSOR, CORNER MOUNT - DUAL CONTACT FOR VAV CONTROL	CLG	<u></u>
PHOTOCELL	AS NOTED	©
LIGHTING RELAY	AS NOTED	LR
EMERGENCY AUTOMATIC TRANSFER SWITCH FOR LIGHTING CONTROLS (REFER TO DETAIL)	CLG	ER
POWER OUTLETS		
SIMPLEX RECEPTACLE (TEXT INDICATES NEMA TYPE)	1'-6"	φφ
DUPLEX RECEPTACLE	1'-6"	Ф
SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH		<i>₽</i> <del>₽</del>
'G' INDICATES INTEGRAL GROUND FAULT PROTECTION (GFCI)	1'-6"	<u></u>
DEAD FRONT GFCI DEVICE, LABEL AND INSTALL IN READILY		
ACCESSIBLE LOCATION		୍ର   ପ
DUPLEX RECEPTACLE WITH TWO INTEGRAL USB CHARGING PORTS	1'-6"	<b>a</b>
USB CHARGING OUTLET WITH FOUR INTEGRAL USB PORTS	1'-6"	0
GANG RECEPTACLE IN COMBINATION WITH SWITCH (PROVIDE DIVIDER IF LIGHTING CIRCUIT IS 277V)	46"	Фс/ѕ
DUPLEX RECEPTACLE, CEILING MOUNTED	CLG	ф
QUADRUPLEX RECEPTACLE	1'-6"	. ग . <del>——</del>
JUNCTION BOX, CEILING OR WALL		ο Φ
VOLTAGE/2 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"	₩ 🖔
VOLTAGE/3 POLE RECEPTACLE, TEXT INDICATES NEMA TYPE	1'-6"	₩ 🖔
SS INDICATES SURGE SUPPRESION TYPE OUTLET(S)		<b>d</b> ss
GROUND FAULT PROTECTED DUPLEX WITH WEATHER-PROOF "WHILE IN USE" TYPE DIE-CAST METAL COVERPLATE WITH LOCKABLE ENCLOSURE AT OUTLET - SEE SPECIFICATIONS	2'-2"	<b>Q</b> WP
DUPLEX FOR ELECTRIC WATER COOLER: COORDINATE EXACT LOCATION WITH PLUMBING CONTRACTOR TO CONCEAL OUTLET BEHIND COOLER. PROVIDE READILY ACCESSIBLE GFI DEVICE AT 18"		EWC
ADJACENT TO WATER COOLER		<b>-</b>
BOX ON ANY DEVICE INDICATES SURFACE MOUNTED BACKBOX/WIREMOLD		₫
CIRCLE ON ANY DEVICE INDICATES DEVICE FED FROM STUB UP CONDUIT		Ф
PANEL FURNITURE		
PANEL FURNITURE DUPLEX RECEPTACLE. PROVIDE ALL WIRING AS REQUIRED, COORDINATE EXACT INSTALLATION REQUIREMENTS AND LOCATIONS WITH OWNER'S PANEL FURNITURE VENDOR		
PANEL FURNITURE DATA/VOICE OUTLET. PROVIDE ALL WIRING AS REQUIRED, COORDINATE EXACT INSTALLATION REQUIREMENTS AND LOCATIONS WITH OWNER'S PANEL FURNITURE VENDOR		2D
POWER CONNECTION TO PANEL FURNITURE, PROVIDE SEAL-TIGHT CONDUIT CONNECTION FROM RECESSED WALL BOX TO PANEL FURNITURE, PROVIDE FINAL CONNECTIONS TO PANEL FURNITURE AS REQUIRED BY PANEL FURNITURE VENDOR	1'-6"	වී FP
COMBINATION POWER AND LOW VOLTAGE CONNECTION TO PANEL FURNITURE, PROVIDE SEAL-TIGHT CONDUIT CONNECTION FROM RECESSED WALL BOX TO PANEL FURNITURE, PROVIDE FINAL CONNECTIONS TO PANEL FURNITURE AS REQUIRED BY PANEL FURNITURE VENDOR	1'-6"	<b>♥</b>
LINETYPE LEGEND		1
	EXISTING	-
	DEMOLISHED	1
	NEW	1

NEW

DESCRIPTION	MOUNTING HEIGHT	SYMBO
LIGHTING FIXTURES AND EQUIPMENT		
REFER TO LUMINAIRE SCHEDULE FOR EXACT FIXTURE SPECIFICATIONS, MOUNTING HEIGHTS, ETC.		
SURFACE OR SUSPENDED CEILING FIXTURE		
DESCRIPTION OF THE PROPERTY OF		
RECESSED CEILING FIXTURE		
POLE MOUNTED AREA LIGHT WITH CONCRETE BASE		<b>Н</b>
		<b>С</b>
LIGHTED BOLLARD WITH CONCRETE BASE		0
EMERGENCY BATTERY WALL-PACK		<del></del>
WALL MOUNT FIXTURE		φφο
TRACK COMPLETE WITH POWER SUPPLIES AND FIXTURE HEADS		ΔΔΔ
FLOODLIGHT		$\nabla$
EXIT LIGHT (CEILING, END, WALL MOUNT) WITH OR WITHOUT		<b>₩</b>
DIRECTIONAL ARROWS, WITH OR WITHOUT EGRESS HEADS		_ · ·
STRIP FIXTURE  DARALLEL HATCHING INDICATES LIGHT IS DOWEDED FROM THE		·
PARALLEL-HATCHING INDICATES LIGHT IS POWERED FROM THE EMERGENCY-LIFE SAFETY BRANCH		
REMOTE LIGHT FIXTURE DRIVER	AS NOTED	RD
REMOTE BATTERY BACKUP	AS NOTED	RB
CENTRAL BATTERY INVERTER	AS NOTED	INV
MISCELLANEOUS		√PHASE √NEUTR
CONDUIT CONCEALED IN WALLS OR IN CEILING SPACE:		GRO
ARROW(S) INDICATE(S) HOME RUN & # OF CIRCUITS: HASHMARKS INDICATE # OF CONDUCTORS.		111
NON DEVERONS MATERIAL TO THE TOTAL T	12::2	φ M
NON-REVERSING MOTOR STARTER SNAP SWITCH		\$ <sup>M</sup>
MOMENTARY CONTACT SWITCH		\$ MC
HAND-OFF-AUTO 3-POSTION SWITCH		\$ HOA
DISCONNECT SWITCH	5'-0"	<b>-</b>
MAGNETIC STARTER	5'-0"	<b>×</b>
MAGNETIC COMBINATION STARTER	5'-0"	<b>'</b>
VARIABLE FREQUENCY DRIVE	5'-0"	<b>=</b>
ENCLOSED FLUSH MTD. CIRCUIT BREAKER	5'-0"	
MUSHROOM SWITCH	46"	8
PUSHBUTTON STATION WITH 1, 2, OR 3 BUTTONS.	46"	
PANELBOARD, SURFACE OR FLUSH MOUNTED, HATCHING	6'-6" TO TOP	г — <b>—</b>
INDICATES EMERGENCY		ک ک
TRANSFORMER	AS NOTED	abla
EQUIPMENT HARDWIRE CONNECTION (SEE DETAIL)		 ති
KITCHEN EQUIPMENT OUTLET COUPLING CONNECTION		_
(SEE DETAIL)		Φ
MOTOR CONNECTION, REFER TO EQUIPMENT CONNECTION SCHEDULE		<b>∕</b>
PLUMBING FIXTURE SOLENOID VALVE/ELECTRIC EYE SENSOR		
CONNECTION. COORDINATE EXACT CONNECTION REQUIREMENTS WITH MANUFACTURER.		<del>•</del>
PLUMBING FIXTURE ELECTRIC EYE TRANSFORMER CONNECTION.		
TRANSFORMER SHALL BE 120V-24V. MOUNT ABOVE SUSPENDED ACCESSIBLE CEILING IN J-BOX. PROVIDE ADDITIONAL		<b>&amp;</b>
TRANSFORMERS OF SAME TYPE AS/IF NEEDED	\/===	
PROVIDE CONNECTION TO HAND DRYER (SEE ARCHITECTURAL SPECIFICATIONS)	VERIFY WITH ARCHITECT	100
SURGE PROTECTION DEVICE (SUIDENCE OF ELLISUMOUNTED)		□ च SPD
SURGE PROTECTION DEVICE (SURFACE OR FLUSH MOUNTED)  GENERATOR ANNUNCIATOR PANEL (SURFACE OR FLUSH MOUNTED)	46"	GEN
GENERATOR ANNUNCIATOR PANEL (SURFACE OR FLUSH MOUNTED) - SEE SPECIFICATIONS	40	_ GEN
CONDUIT UP		0
CONDUIT DOWN		•
FLEXIBLE CONDUIT		$\sim$
GROUND BUS BAR ON INSULATED STANDOFFS	2'-0"	
BUS DUCT, AMPERAGES AS NOTED	AS SHOWN	
WIREWAY WITH REMOVABLE COVER (SIZE AS NOTED)	AS SHOWN	
TRENCH DUCT (SIZE AS NOTED)	AS SHOWN	
WIRE BASKET CABLE TRAY, SIZE AS NOTED	AS SHOWN	
LADDER CABLE TRAY, SIZE AS NOTED	AS SHOWN	
SOLID BOTTOM CABLE TRAY, SIZE AS NOTED	AS SHOWN	
J-HOOK PATHWAY		
EQUIPMENT TAG, REFER TO EQUIPMENT SCHEDULE		EQUIP-#
MECHANICAL EQUIDMENT DESIGNATOR (SEE MECH. SCHEDULES)		EQUIP-#
MECHANICAL EQUIPMENT DESIGNATOR (SEE MECH. SCHEDULES)	- 1	
TAGGED NOTE		

DESCRIPTION	MOUNTING HEIGHT	SYMBOL
ABBREVIATIONS		
UNLESS OTHERWISE NOTED		UON
OWNER FURNISHED CONTRACTOR INSTALLED		OFCI
OWNER FURNISHED OWNER INSTALLED		OFOI
CONTRACTOR FURNISHED CONTRACTOR INSTALLED		CFCI
CONTRACTOR FURNISHED OWNER INSTALLED		CFOI EM
INDICATES EMERGENCY POWER  WIREGUARD - PROVIDE MANUFACTURER'S SPECIFIC GUARD FOR		
DEVICE NOTED		WG -
WEATHERPROOF - NEMA-3R, WET LOCATION LISTED. PROVIDE COVERS, RATINGS, ETC, AS SUITABLE FOR OUTDOORS.		WP
EXPLOSION PROOF - PROVIDE WIRING METHODS, ENCLOSURES, RATINGS, ETC. AS SUITABLE FOR HAZARDOUS LOCATION.		ХР
SPECIAL OUTLETS	T	
FLOORBOX, AS SCHEDULED POKE-THRU, AS SCHEDULED	FLOOR	[FB#] [P3]
WALLBOX, AS SCHEDULED	FLOOR	WB#
AUDIO/VISUAL SYSTEM OUTLET WITH DUPLEX RECEPTACLE, REFER	1'-6"	→ AV
TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION  COMBINATION POWER AND DATA OUTLET LOCATION, REFER TO	1'-6"	
ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION		<b>♥</b>
COMBINATION POWER AND DATA OUTLET LOCATION, GFCI DUPLEX RECEPTACLE, REFER TO ASSOCIATED DETAIL FOR ADDITIONAL INFORMATION	1'-6"	
OVERHEAD PROJECTOR: PROVIDE DUPLEX RECEPTACLE, ONE DATA, HDMI, 3.5mm AUDIO, AND VGA OUTLET ON (3) PLATES	CLG	٥
SPECIAL VIDEO SYSTEM SIGNAL INPUT		-NA-
SURFACE PLUG-MOLD		
SURFACE WIRE-MOLD		
POWER POLE AS NOTED		PP
TELEVISION	40"	
TELEVISION HEADEND (SPLITTERS/AMPLIFIERS/DISTRIBUTION) TELEVISION SYSTEM OUTLET WITH DUPLEX RECEPTACLE.	7'-0"	TV T
COORDINATE LOCATION WITH WALL BRACKET WHERE APPLICABLE	1.0	<b>\\</b>
OVERHEAD PAGING		
PAGING SPEAKER: CEILING	CLG	
PAGING SPEAKER W/ VOLUME CONTROL  PAGING SPEAKER: WALL	CLG 8'-0"	
RECESSED WALL MOUNTED PAGING SPEAKER DUKANE 5A606	8'-0"	Y
SPEAKER. ATLAS 417-8WD  VANDAL PROOF / WEATHERPROOF WALL MOUNTED PAGING	SEE FLOOR	ĭ <b>√</b> \$√
SPEAKER. QUAM VP1  EXTERIOR VANDAL PROOF / WEATHERPROOF WALL MOUNTED	PLANS SEE FLOOR	Y S>WP
PAGING SPEAKER, SHALL BE PAINTED COLOR SELECTED BY ARCHITECT/OWNER. QUAM VP6	PLANS	Y
WALL MOUNTED PAGING HORN	9'-0"	Y
CALL INITIATION STATION  WALL VOLUME CONTROL	46"	Ŷ
PAGING MICROPHONE	1'-6"	Y
PANIC BUTTON (MOUNTING PER DRAWINGS)	46", UNDER	<b>♦</b>
NOTIFICATION LIGHT (MOUNTING PER DRAWINGS)	DESK 7'-6", CLG	\$
LCD WALL DISPLAY		LCD
PAGING SYSTEM HEADEND	46"	PA
CLOCKS		
TYPICAL CLOCK MOUNTING HEIGHTS: FOR CEILING HEIGHTS < 9'-8": MOLINT CENTER OF BACKBOY AT 2" BELOW CEILING		
MOUNT CENTER OF BACKBOX AT 8" BELOW CEILING.  FOR CEILING HEIGHTS >= 9'-8":		
MOUNT CENTER OF BACKBOX AT 9'-0" AFF.		_
ANALOG CLOCK: SINGLE FACE	SEE ABOVE	Φ
ANALOG CLOCK: DUAL FACE	SEE ABOVE	<b>P</b>
DIGITAL CLOCK: SINGLE FACE	SEE ABOVE	
DIGITAL CLOCK: DUAL FACE	SEE ABOVE	Hzpc
CLOCK SYSTEM HEAD END	84"	CLOCK
AV SYSTEMS	DECES TO	
PROJECTOR WITH MOUNT (CEILING OR WALL AS INDICATED)	REFER TO DRAWINGS	Θ̈́Φ
LOCAL SOUND SPEAKER: CEILING	CLG	
WIRELESS MICROPHONE ANTENNA  LOCAL SOUND SPEAKER: WALL	CLG REFER TO	(A) (B)
	SPECS.	ı ı
MICROPHONE INPUT: # INDICATES NUMBER OF INPUTS.  WIRELESS MICROPHONE ANTENNA, WALL MOUNT	1'-6" REFER TO	Y MA
AV INPUT (OR OUTPUT) WALL PLATE. REFER TO DRAWINGS AND	SPECS.	(P)
SPECIFICATIONS FOR TYPE AND QUANTITY OF CONNECTIONS.		
AV TOUCHSCREEN CONTROL STATION	1'-6" 46"	(a) (a)
LOCAL SOUND SYSTEM HEADEND	REFER TO	LS
	SPECS.	

ing It T	SYMBOL	OL DESCRIPTION							
		SECURITY PANIC ALARM							
	UON	PANIC ALARM BUTTON	SEE DRAWINGS						
	OFCI	PANIC ALARM ANNUNCIATOR	46"	(PA)					
	OFOI	PANIC ALARM ANNONCIATOR  PANIC ALARM STROBE - REFER TO SPECIFICATIONS FOR LENS AND	SAME AS						
	CFCI	HOUSING COLOR	FIRE ALARM	Y 💛					
	CFOI	PANIC ALARM POWER SUPPLY CABINET	5'-0"	SEC-P					
	EM								
	WG	SECURITY INTERCOM							
		AUDIO/VIDEO INTERCOM STATION: MASTER WITH SELECTIVE DOOR CONTROLS, POWER SUPPLIES & DOOR RELAY CONTACTS AS	DESK MOUNT						
	WP	REQUIRED FOR OPERATION OF ANY DOOR IN THE SYSTEM AND VIEWING OF ANY AUDIO/VIDEO INTERCOM REMOTE ON THE SYSTEM. AIPHONE#IX-MV W/DESK STAND - COLOR BY ARCHITECT.							
	XP	AUDIO/VIDEO INTERCOM STATION: REMOTE WITH FLUSH-MTD S.S.	46"						
$\dashv$		ENCLOSURE. AIPHONE #IX-DVF.	40						
		SECURITY ACCESS CONTROL							
	FB#	DOOR ALARM	DOOR						
	<u>®</u>		FRAME	_					
	WB#	DOOR POSITION SWITCH	DOOR FRAME						
	<b>⊘</b> <sup>AV</sup>	MAGNETIC LOCK(S)	ABV DOOR						
+	•	ELECTRIC LOCKSET	AT LATCH						
		DOOR DELAYED EGRESS/ELECTRIFIED PANIC MECHANISM	ABV DOOR	<b>•</b>					
		ELECTRIC STRIKE	AT LATCH	<b></b>					
		AUTOMATIC DOOR CONNECTION (MAY ALSO HAVE ELECTRIC	CLG	<u>-</u>					
	å	STRIKE/MAG-LOCK/ELECTRIFIED PANIC CONNECTION - SEE ARCHITECTURAL HARDWARE SPECIFICATIONS)							
	-NA-	DOOR RELEASE PUSH-PLATE / INFRA-RED OPERATOR STATION.	46"	ெ					
		PROVIDE ANY ADDITIONAL ROUGH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.							
		DOOR RELEASE KEYSWITCH STATION	6'-0"	<b>©</b>					
$\dashv$	PP	DOOR RELEASE KEYPAD STATION	46"						
	_	DOOR RELEASE PROXIMITY READER STATION. PROVIDE ANY	46"	_					
	C <del>7</del> 77	ADDITIONAL ROUGH-IN FOR "EMERGENCY RELEASE" OPERATOR STATIONS AS REQUIRED.		P					
	TV	SAME AS "PR" EXCEPT MULLION MOUNT	46"	®м					
	<b>⊘</b> <sup>T</sup>	MOTION SENSOR DOOR CONTROL	CLG	RY (B) (B) (B) (B)					
		PUSH-TO-EXIT BUTTON	46"						
_	\$	REMOTE DOOR RELEASE PUSH-BUTTON	8" ACT	RR					
		RECESSED JUNCTION BOX	SEE	(B) (B)					
	\(\sigma\)		DRAWINGS	ı 🗸					
	\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	ACCESS CONTROL HEADEND	5'-0"	SEC-A					
		SECURITY CCTV VIDEO SURVEILLANCE							
	ŶŶ	CCTV CAMERA: CEILING MOUNT DOME (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	CLG	###					
	<b>S</b> WP	CCTV CAMERA: WALL MOUNT DOME (TEXT INDICATES TYPE) REFER TO SCHEDULE FOR TYPES	WALL	H###  <b>\</b>					
	$\triangle$	INDICATES EXTERIOR CAMERA RATED FOR CONDITIONS, WET							
	₩	LOCATION LISTED, WITH AUXILLARY HEATER		WP					
	Ý	INDICATES CAMERA WITH PAN/TILT/ZOOM FUNCTION		PTZ					
	Y	CCTV HEAD END	SEE DRAWINGS	SEC-C					
	M A	SECURITY INTRUSION DETECTION							
	<b>₽</b>		0.0						
$\dashv$	<b>\$</b>	MOTION DETECTOR (WALL OR CEILING MOUNT)	CLG						
		GLASS BREAK SENSOR (WALL OR CEILING MOUNT)	CLG						
	LCD	LOCAL SOUNDER	SEE DRAWINGS	<b>\$ 6</b>					
$\Box$	PA	INTRUSION DETECTION KEYPAD CONTROLLER	46"	<b>®</b>					
		SECURITY SYSTEM HEAD END	5'-0"	SEC					
7		DATA / VOICE	I						
		DATA OUTLET : NUMBER BESIDE OUTLET INDICATES NUMBER OF	1'-6"	2D					
		DATA JACKS. NO NUMBER INDICATES 1 JACK.	. •	<sup>2D</sup> √					
		VOICE OUTLET: NUMBER BESIDE OUTLET INDICATES NUMBER OF VOICE JACKS. NO NUMBER INDICATES 1 JACK.	1'-6"	▼					
	Φ	COMBINATION OUTLET: NUMBER BESIDE OUTLET INDICATES	1'-6"	2 <u>D/1</u> V					
۱	_ (PYB)	NUMBER OF DATA/VOICE JACKS		<b>V</b> 1					
(	$\checkmark$	SLASH THROUGH ANY DEVICE INDICATES MOUNTING ABOVE COUNTERTOP 4" ABOVE BACKSPLASH, C NOTES CEILING MOUNTED	Y Y	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					
	98	OUTLET (VOICE ONLY): PAYPHONE TYPE	AS REQ'D.	PAY					
$\dashv$		DATA RACK: TWO POST, REFER TO COMMUNICATIONS RISERS AND		, <b>▼</b>					
	HZBC	SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.		<b>(4)</b>					
	CLOCK	DATA RACK: FOUR POST. REFER TO COMMUNICATIONS RISERS AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.							
4	<b>Λ Δ</b>	TELECOMMUNICATIONS SYSTEM BACKBOARD. PROVIDE 96"H x 3/4"D							
;	<b>Ô P</b>	FIRE-RETARDENT PLYWOOD BACKBOARD WITH TWO (2) COATS OF NON-CONDUCTIVE, FIRE-RETARDANT LIGHT GRAY PAINT, #3/0 TO							
	©	GROUND BAR AT MAIN SERVICE SWITCHBOARD, 30-PT GROUND BAR AND A 6'-0", #3 AWG PIGTAIL AT BACKBOARD. INSTALL BOARD AT 2'							
	(MA)	AFF. (LENGTH OF BOARD AS INDICATED ON FLOOR PLAN)							
	<u>©</u>	WIRELESS ACCESS POINT OUTLET WITH PROVISIONS FOR (2 DATA OUTLET FOR ANTENNA. PROVIDE A COMPLETE DATA OUTLET WITH	CEILING	WAP					
	-	FACEPLATE ABOVE CEILING, MOUNTED AT AN ACCESSIBLE HEIGHT NO MORE THAN 24" ABOVE CEILING. AT EACH OUTLET, PROVIDE A		WAP					
	<b>₩</b>	20' COIL OF CABLE AHEAD OF THE OUTLET FOR ADJUSTMENT OF FINAL OUTLET LOCATION. THE CONTRACTOR SHALL COORDINATE		IA/A D					
	<u>M</u>	EXACT LOCATIONS WITH THE OWNER AND ADJUST OUTLET LOCATIONS AT SUBSTANTIAL COMPLETION TO ACCOMMODATE	WALL	WAP					
$\dashv$	<u> </u>	OWNER'S WAP LOCATIONS.							
	_								



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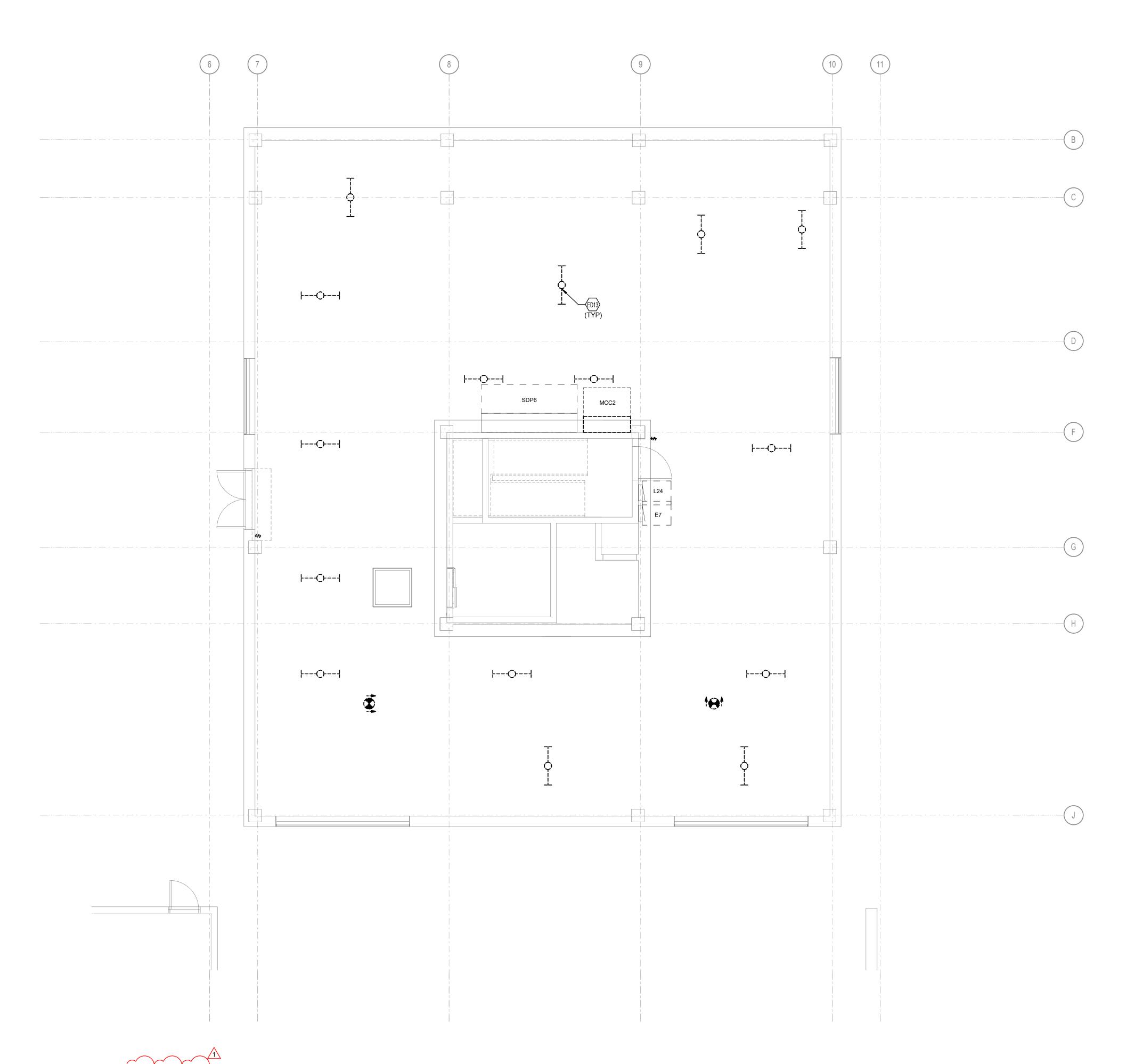


OCUMENTS

CONTE



MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY ELECTRICAL LEGEND



PENTHOUSE - ELECTRICAL DEMOLITION

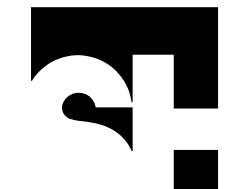
SCALE: 3/16" = 1'-0"

**TAGGED NOTES** 

ED13 DEMOLISH LIGHTING CIRCUITING BACK TO SOURCE PANELS L24 AND E7.

#### **ELECTRICAL DEMOLITION NOTES**

- A DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND SOLID HALFTONE LINES INDICATE EXISTING ITEMS TO REMAIN.
- B THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS: THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN DIRECTORIES FOR ALL PANELS AFFECTED.
- C LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
- D REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE), WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).
- E COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- F COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- G PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.
- H CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
- I UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH NEC REQUIREMENTS.
- J EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
- K CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- L DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
- M ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF
- N CONTRACTOR TO VERIFY THAT THERE ARE NO ELECTRICAL CIRCUITS IN CHASES BEING REMOVED UNDER DEMOLITION WHICH REMAIN IN SERVICE AND CANNOT BE REMOVED. SHOULD SUCH CIRCUITS BE ENCOUNTERED, THE CONTRACTOR IS TO REPOUTE AND RECONNECT AS REQUIRED TO MAINTAIN SERVICE.



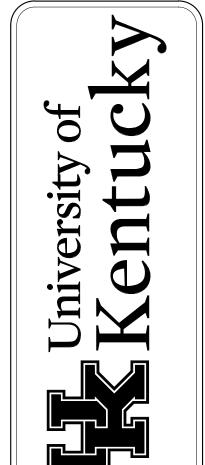
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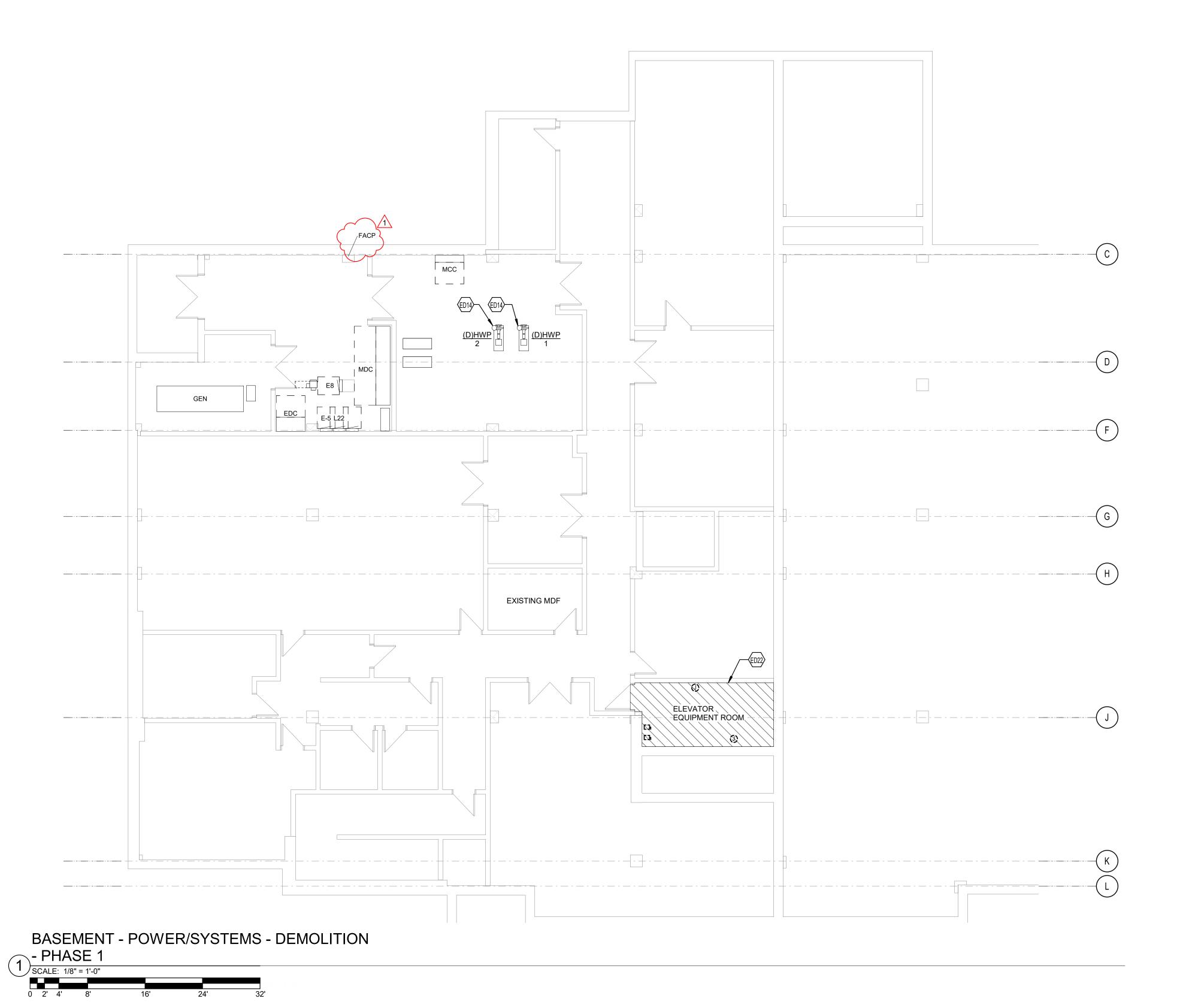
OCUMENT



- DEMOLITION MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY PENTHOUSE - ELECTRICAL

ADDENDUM 03 8.9.2023

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY



FOR HEATING HOT WATER PUMP BACK TO SOURCE AT MCC. ED22 NO WORK IN THIS AREA, THIS WAS COMPLETED IN A PREVIOUS PROJECT.

STARTERS, CIRCUITS, CONDUIT, AND WIRING

ED14 ALTERNATE BID 2: DEMOLISH DISCONNECTS,

TAGGED NOTES



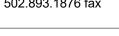
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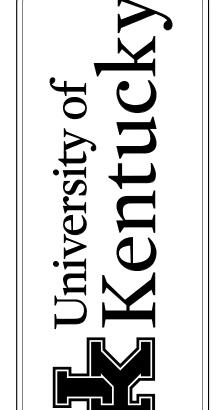
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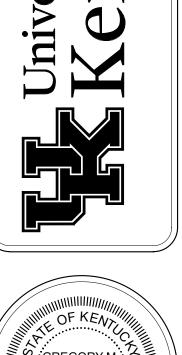
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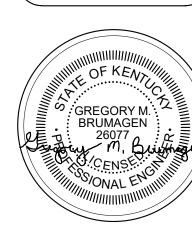
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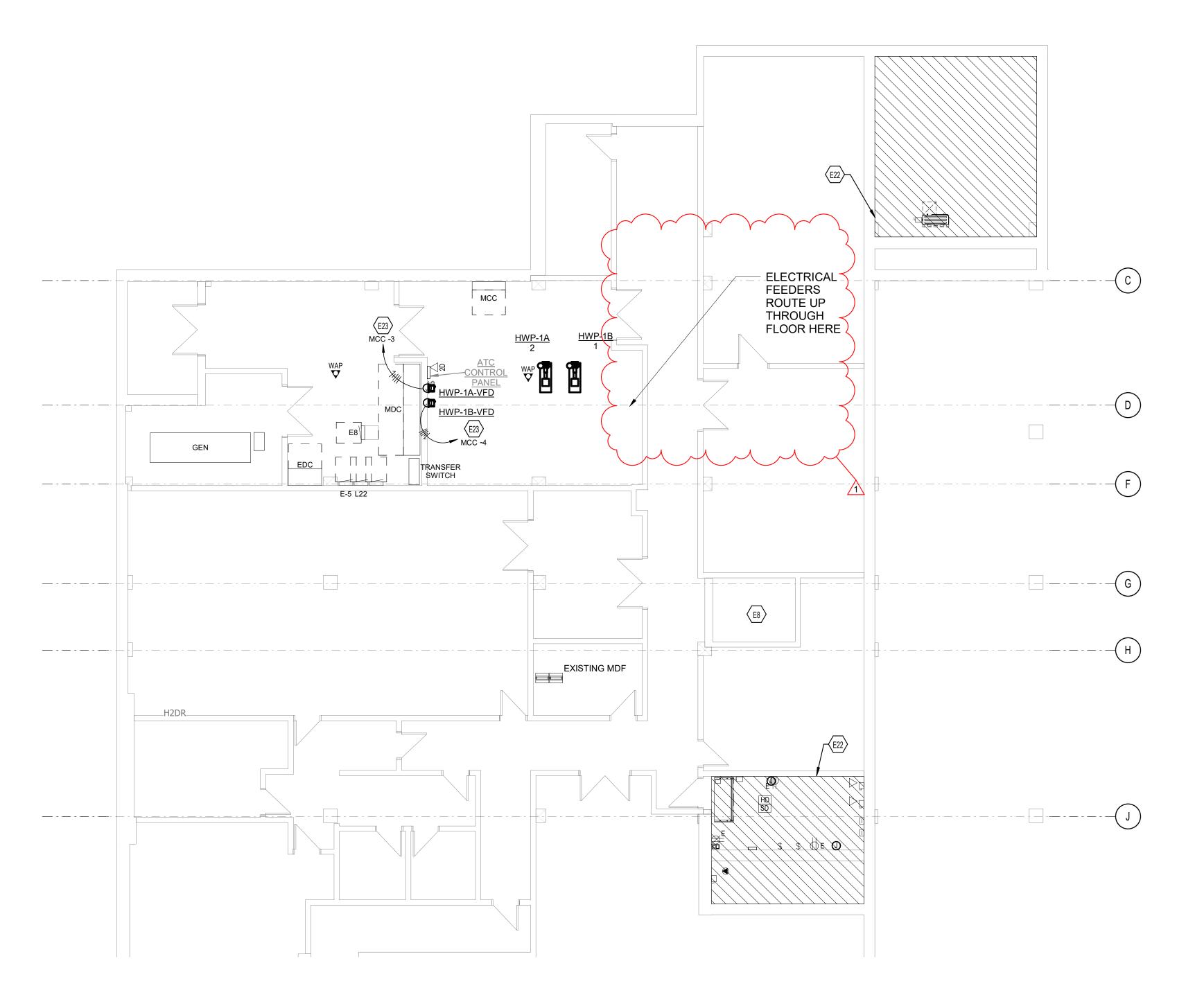
## **ELECTRICAL DEMOLITION NOTES**

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- (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION. F COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR
- RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT. G PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION
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- I UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH
- NEC REQUIREMENTS. J EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND
- EQUIPMENT SHOWN ON PLANS. K CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF
- WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS. DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
- M ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF POSITION.
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ADDENDUM 03 8.9.2023

E8 CONTRACTOR SHALL COORDINATE WITH SIMPLEX FOR FIRE ALARM RECALL REWORK AS IT PERTAINS TO SERVICE ELEVATOR. E22 THIS AREA OF WORK WAS PART OF A PREVIOUS PHASE.

E23 ALTERNATE BID #2: UTILIZE EXISTING BUCKET FEEDING
DEMOLISHED PUMPS FROM MCC. NEW CIRCUIT TO BE 35A/3P
BREAKER. FEEDER TO BE 35A/3P, FOUR (4) #10, ONE (1) #10
GROUND IN 3/4" CONDUIT. CONTRACTOR TO WIRE FROM MCC TO
VFD AND VFD TO THE PUMP.



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OCUMENT

CONTI



BASEMENT - POWER - NEW WORK - PHASE 2 MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

ADDENDUM 03 8.9.2023

07 JULY 2023

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

SCALE: 1/8" = 1'-0"

TAGGED NOTES

ED1 DEMOLISH CONDUIT TO BELOW FLOOR AND BACK CONDUCTORS OUT SUCH THAT THEY CAN BE REUSED AND SPLICED IN FOURTH FLOOR CEILING SPACE TO EXTEND FEEDER TO NEW DISTRIBUTION PANEL LOCATION. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION.

ED2 DEMOLISH EXISTING COMMUNICATIONS BACKBONE CONDUIT AND FIBER TO BELOW FLOOR (INTO 4TH FLOOR CEILING SPACE) UNDER THE CHASE BY THE EXISTING ELECTRICAL ROOM. REFER TO TAG NOTE ED24 THIS SHEET FOR CHASE LOCATION, TO BE EXTENDED TO NEW IDF. REFER TO NEW WORK PLAN FOR NEW LOCATION.

ED4 CASEWORK HAS BEEN REMOVED BY UK. CONDUITS AND JUNCTION BOXES WERE LEFT STUBBED OUT OF WALLS. CONTRACTOR SHALL REMOVE BOX AND CONDUIT TO ALLOW WALLS TO BE PATCHED.

ED8 J BOXES ON TOP OF WALL CONTAIN CIRCUITING TO BE DEMOLISHED BACK TO THE SOURCE. ED9 EMPTY GANG BOX IN WALL CONTAINING CIRCUITING TO BE DEMOLISHED BACK TO THE SOURCE.

ED16 EXISTING FEEDERS TO ELECTRICAL GEAR IN THE PENTHOUSE ARE FED THROUGH THIS CHASE. COORDINATE WITH UK FOR SHUTDOWN OF GEAR DURING OFF HOURS TO INTERCEPT FEEDERS UNDER THIS FLOOR AND EXTEND THROUGH NEW ELECTRICAL ROOM. REFER TO NEW WORK PLAN AND ONE-LINE FOR ADDITIONAL INFORMATION. ED24 EXISTING CONDUIT CHASE CONTAINING

COMMUNICATIONS CONDUITS AND ELECTRICAL FEEDERS TO PENTHOUSE SWITCHBOARD. ED26 ELECTRICAL CONTRACTOR TO PRICE SUPPORTING EXISTING CONDUIT IN 20 LOCATIONS AND EXISTING DATA CABLING IN 20 LOCATIONS TO BE DETERMINED ONCE CEILINGS

AND ALL DEMOLITION IS COMPLETE. ED27 REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION. DEMOLISH FEEDERS BACK TO SOURCE FOR RETURN FANS ON FLOORS 1, 2 AND 3.

ED28 REFER TO MECHANICAL SHEETS FOR ADDITIONAL INFORMATION. DEMOLISH FEEDER BACK TO SOURCE FOR RETURN FAN ON 4TH

ED32 RETAIN CONDUIT PATH TO ABOVE CEILING FOR RECONNECTING NEW CIRCUIT. REFER TO NEW WORK PLAN FOR NEW FEEDER INFORMATION.

#### **ELECTRICAL DEMOLITION NOTES**

- A DOTTED LINES INDICATE ITEMS FOR REMOVAL (UON) AND SOLID HALFTONE LINES INDICATE EXISTING ITEMS TO REMAIN. B THE CONTRACTOR SHALL MAINTAIN THE CONTINUITY OF EXISTING CIRCUITS THAT CONTAIN DEVICES OR EQUIPMENT THAT ARE TO REMAIN. WHEN DEMOLITION OF AN ELECTRICAL DEVICE (OR CIRCUIT) IS INDICATED ON THE DRAWINGS: THE CONTRACTOR SHALL ENSURE THAT OTHER DEVICES OR EQUIPMENT "UPSTREAM" OR "DOWNSTREAM" ON THE CIRCUITS SHALL REMAIN IN "PRE-DEMOLITION" WORKING ORDER. "LEFT-OVER" CIRCUIT BREAKERS SHALL REMAIN, BE SWITCHED TO OFF POSITION, AND BE LABELED AS SPARES IN THEIR PANELS. PROVIDE NEW TYPEWRITTEN
- DIRECTORIES FOR ALL PANELS AFFECTED. C LOCATIONS OF DEVICES, CONNECTIONS, ETC., INDICATED ON THIS DRAWING WERE TAKEN FROM VARIOUS SOURCES. THEY ARE DIAGRAMMATIC ONLY AND ARE SUBJECT TO VARIATION FROM EXISTING CONDITIONS. CERTAIN EXISTING ELEMENTS MAY NOT BE INDICATED AT ALL. THE CONTRACTOR PROPOSING TO DO ANY PART OF THE WORK INDICATED HEREON SHALL VISIT THIS SITE AND DETERMINE TO HIS SATISFACTION THAT THEY MAY COMPLETE ALL WORK REQUIRED FOR THE BID WHICH HE PROPOSES.
- D REMOVE ALL ASSOCIATED BACKBOXES, CONDUIT AND CONDUCTORS FOR DEVICES / FIXTURES / ETC. BEING REMOVED (BACK TO SOURCE) WHETHER INDICATED OR NOT (UON). CONTRACTOR SHALL PATCH AND REPAIR ANY EXISTING WALLS, FLOORS OR CEILINGS WHERE DEVICES ARE SHOWN TO BE REMOVED (PATCH AND REPAIR TO RECEIVE NEW FINISHES - SEE ARCHITECTURAL PLANS).
- E COORDINATE DISPOSAL OF ALL FIXTURES, DEVICES, ETC. (INDICATED FOR DEMOLITION) WITH OWNER. TURN OVER ITEMS REMOVED TO OWNER AT THEIR OPTION.
- F COORDINATE WITH OTHER TRADES FOR THE REMOVAL AND/OR RELOCATION OF ELECTRICAL DEVICES AND CONNECTIONS ASSOCIATED WITH THEIR EQUIPMENT.
- G PROVIDE TEMPORARY EMERGENCY EXIT LIGHTS AT CONSTRUCTION BARRIERS AS REQUIRED.
- H CONTRACTOR SHALL PATCH AND REPAIR ALL EXISTING WALLS / CEILINGS AS REQUIRED WHERE DEVICES ARE BEING REMOVED OR INSTALLED.
- I UNUSED/ABANDONED CONDUCTORS DISCOVERED ABOVE ACCESSIBLE CEILINGS SHALL BE REMOVED IN ACCORDANCE WITH
- NEC REQUIREMENTS. J EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND
- EQUIPMENT SHOWN ON PLANS. K CONTRACTOR SHALL SEAL ALL EXISTING AND NEW PENETRATIONS OF BUILDING ENVELOPE (EXTERIOR WALLS, ROOF, ETC.) WATER-TIGHT AND AS APPROVED BY ARCHITECT AND ENGINEER. ROOFING SHALL BE RESTORED BY A LICENSED ROOFING CONTRACTOR BASED ON WRITTEN INSTRUCTIONS AND DETAILS FROM ROOFING MANUFACTURER AS REQUIRED TO MAINTAIN ROOF WARRANTY. REFER TO ARCHITECTURAL AND ENGINEERING PLANS AND SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- L DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES. M ALL EXISTING PANELS AFFECTED BY THIS CONTRACTOR'S WORK
- SHALL BE PROVIDED WITH NEW TYPE-WRITTEN PANEL DIRECTORIES AND INSERT SLEEVES. PANEL DIRECTORIES SHALL NOT USE ROOM NAMES OR NUMBERS FROM THESE DRAWINGS. DIRECTORIES SHALL BE DETAILED AND COORDINATED WITH OWNER'S SUITE NUMBERS, FINAL ROOM NUMBERS, IT RACK NAMES, WORKSTATION DESIGNATIONS, ETC. UNUSED BREAKERS SHALL BE IN OFF
- N CONTRACTOR TO VERIFY THAT THERE ARE NO ELECTRICAL CIRCUITS IN CHASES BEING REMOVED UNDER DEMOLITION WHICH REMAIN IN SERVICE AND CANNOT BE REMOVED. SHOULD SUCH CIRCUITS BE ENCOUNTERED, THE CONTRACTOR IS TO REPOUTE AND RECONNECT AS REQUIRED TO MAINTAIN SERVICE.



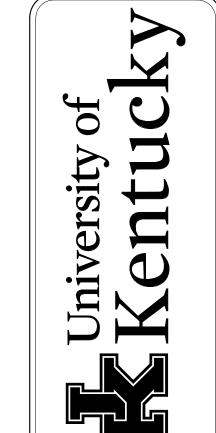
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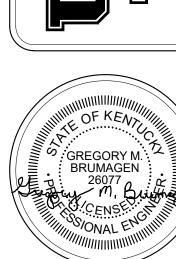
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FLOOR- POWER/SYSTEMS-DEMOLITION MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY FIFTH

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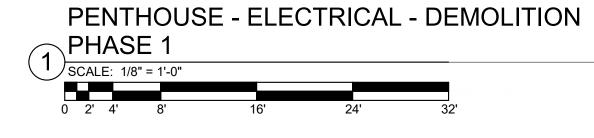
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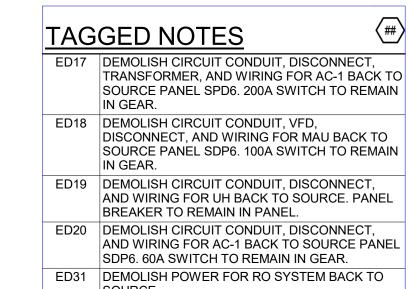
**NEW WORK** MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY FIFTH FLOOR

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- J EXISTING ELECTRICAL SYSTEMS IN CONFLICT WITH CONSTRUCTION SHALL BE RELOCATED TO PERMIT INSTALLATION OF DEVICES AND EQUIPMENT SHOWN ON PLANS.
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- L DEVICES INDICATED WITH AN "R" SHALL BE RELOCATED. REMOVE, PROTECT, AND REINSTALL IN NEW LOCATION INDICATED ON NEW WORK PLANS. INTERCEPT AND EXTEND ALL EXISTING CABLING TO NEW LOCATION. CLEAN AND RE-LAMP RELOCATED LUMINAIRES.
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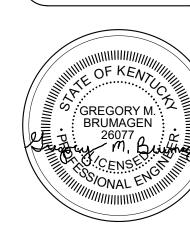
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DEMOLITION

- POWER/SYSTEMS -PHASE 1

PENTHOUSE

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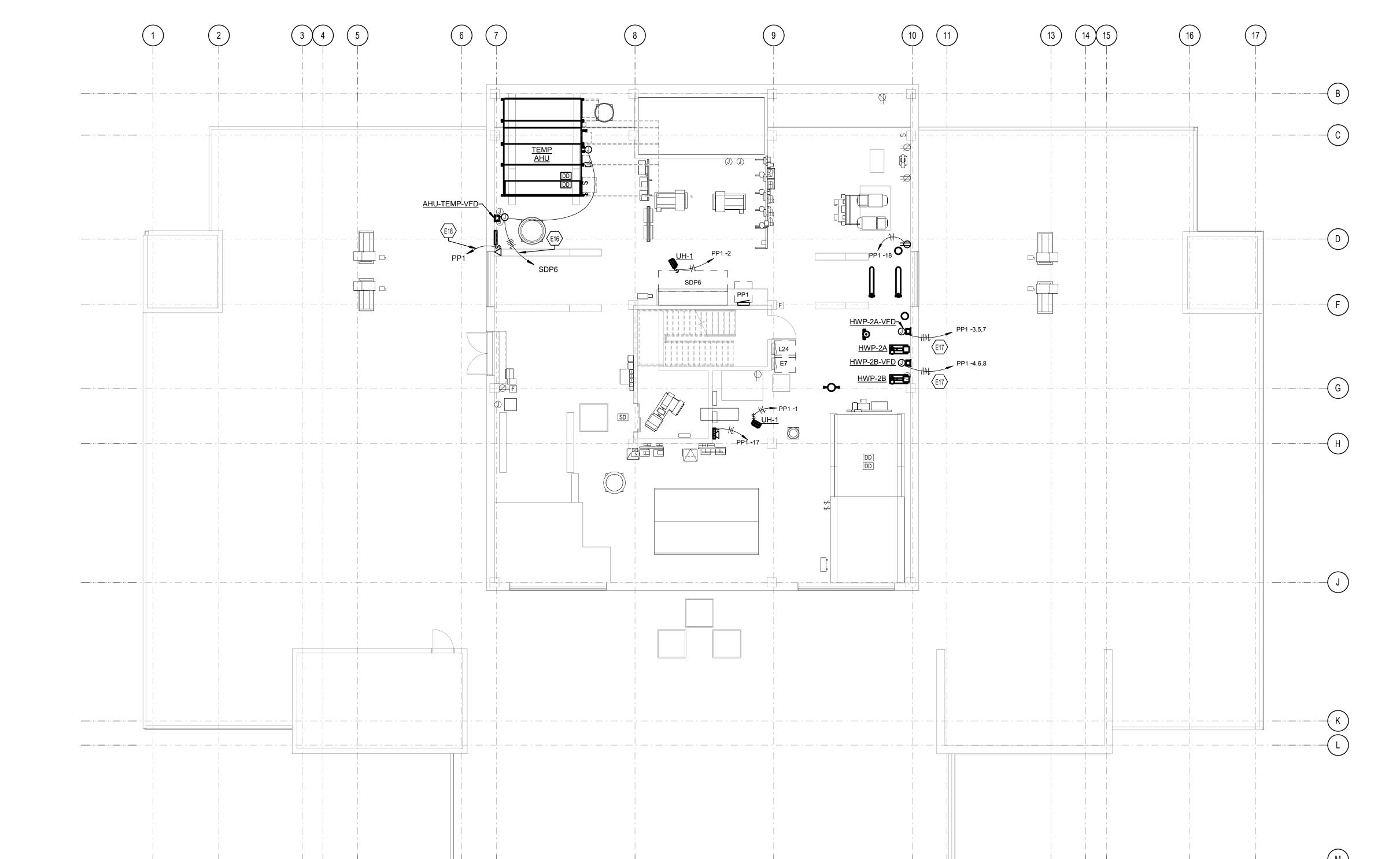
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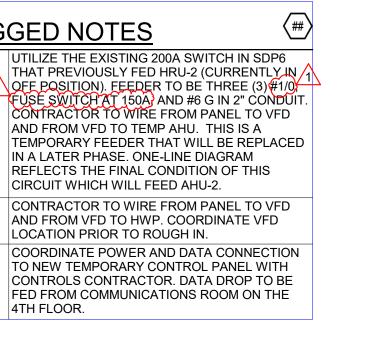
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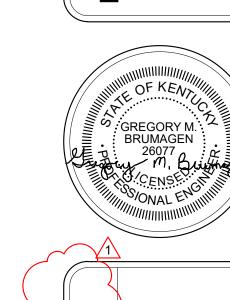
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**TAGGED NOTES** E16 UTILIZE THE EXISTING 200A SWITCH IN SDP6
THAT PREVIOUSLY FED HRU-2 (CURRENTLY IN 1)
OFE POSITION). FEEDER TO BE THREE (3) #1/0
FUSE SWITCH AT 150A) AND #6 G IN 2" CONDUIT.
CONTRACTOR TO WIRE FROM PANEL TO VFD AND FROM VFD TO TEMP AHU. THIS IS A TEMPORARY FEEDER THAT WILL BE REPLACED IN A LATER PHASE. ONE-LINE DIAGRAM REFLECTS THE FINAL CONDITION OF THIS CIRCUIT WHICH WILL FEED AHU-2. E17 CONTRACTOR TO WIRE FROM PANEL TO VFD AND FROM VFD TO HWP. COORDINATE VFD LOCATION PRIOR TO ROUGH IN. E18 COORDINATE POWER AND DATA CONNECTION TO NEW TEMPORARY CONTROL PANEL WITH CONTROLS CONTRACTOR. DATA DROP TO BE





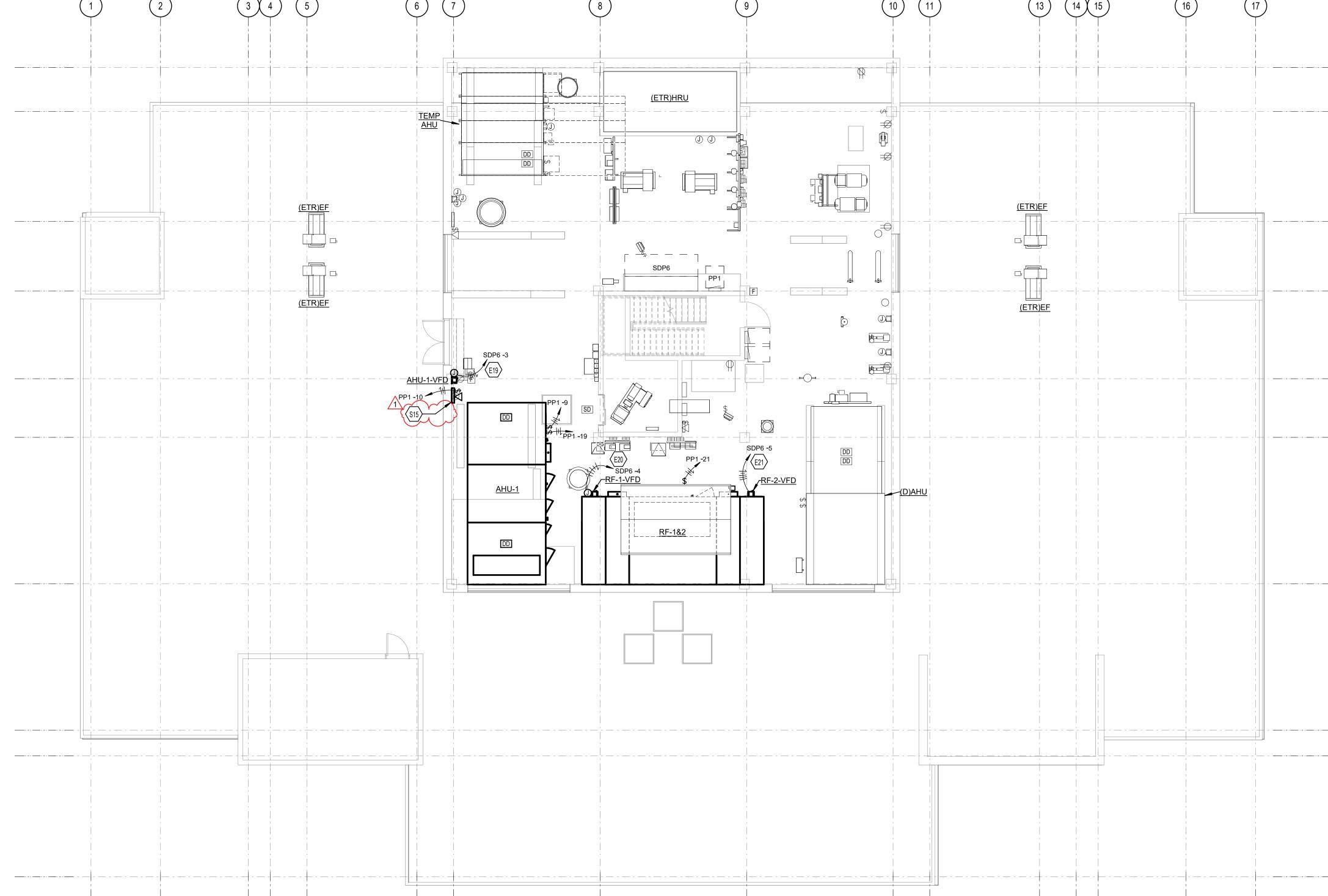
PENTHOUSE - ELECTRICAL/SYSTEMS TEMPORARY NEW WORK PHASE 2
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PENTHOUSE - ELECTRICAL/SYSTEMS -TEMPORARY NEW WORK - PHASE 2



PENTHOUSE - ELECTRICAL/SYSTEMS - NEW WORK - PHASE 4

SCALE: 1/8" = 1'-0"

0 2' 4' 8' 16'

TAGGED NOTES E19 UTILIZE EXISTING 200A SWITCH FROM AC-1 FEEDER DEMOLITION FOR NEW FEED TO AHU-1. FEEDER TO BE A 175A FEED. FOUR (4) #2/0, ONE (1) #6 GROUND IN 2 1/2" CONDUIT. CONTRACTOR TÓ WIRE FROM PANEL TO VFD AND FROM VFD TO AHU-1. E20 UTILIZE EXISTING 100A SWITCH FROM MU-2 DEMOLITION. FEEDER TO BE 100A FEED. FOUR (4) #1 AND ONE (1) #8 GROUND IN 2" CONDUIT. CONTRACTOR TO WIRE FROM PANEL TO VFD AND FROM VFD TO RF. E21 UTILIZE EXISTING 100A SWITCH FROM MU-1 DEMOLITION. FEEDER TO BE 100A FEED. FOUR (4) #1 AND ONE (1) #8 GROUND IN 2" CONDUIT. CONTRACTOR TO WIRE FROM PANEL TO VFD AND FROM VED TO RE

S15 CONTRACTOR TO INSTALL NEW DATA DROP AT CONTROL PANEL. COORDINATE WITH

CONTROLS CONTRACTOR PRIOR TO ROUGH-IN



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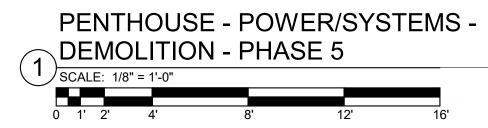
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY PENTHOUSE - ELECTRICALISYSTEMS WORK - PHASE 4

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TAGGED NOTES

(##) ED21 DEMOLISH CIRCUIT CONDUIT, DISCONNECT, TRANSFORMER, AND WIRING FOR AC-2 BACK TO SOURCE PANEL SPD6. 200A SWITCH TO REMAIN IN GEAR. ED29 DEMOLISH FEEDERS FOR RETURN FANS POWER ON STRUT STAND RACK BACK TO SOURCE.

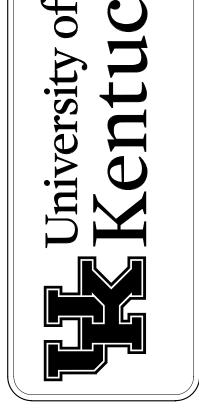


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DEMOLITION

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY PENTHOUSE - POWER/SYSTEMS PHASE 5

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**(##**) TAGGED NOTES E18 COORDINATE POWER AND DATA CONNECTION TO NEW TEMPORARY CONTROL PANEL WITH CONTROLS CONTRACTOR. DATA DROP TO BE FED FROM COMMUNICATIONS ROOM ON THE 4TH FLOOR. E24 UTILIZE EXISTING 200A SWITCH FROM TEMP AHU FEEDER DEMOLITION FOR NEW FEED TO AHU-2. FEEDER TO BE A 175A FEED. FOUR (4) #2/0, ONE (1) #6 GROUND IN 2 1/2" CONDUIT. CONTRACTOR TO WIRE FROM PANEL TO VFD AND FROM VFD TO S15 CONTRACTOR TO INSTALL NEW DATA DROP AT CONTROL PANEL.
COORDINATE WITH CONTROLS CONTRACTOR PRIOR TO ROUGH-IN

(16)

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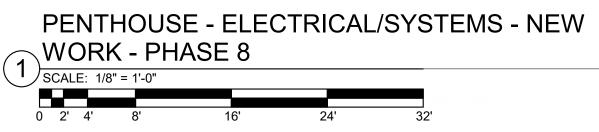
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PENTHOUSE - ELECTRICALISYSTEMS - NEW WORK - PHASE 8

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LOWER ROOF - ELECTRICAL/SYSTEMS - NEW

WORK - PHASE 9

SCALE: 1/8" = 1'-0"

TAGGED NOTES

E14 CONTRACTOR SHALL POWER INDOOR SPLIT SYSTEM UNIT FROM OUTDOOR CU. INDOOR SPLIT LOCATED IN THE COMMUNICATIONS ROOM ON THE 5TH FLOOR. E28 UTILIZE EXISTING 60A SWITCH IN SDP6 THAT FED PREVIOUS AC.
DISCONNECT TO BE 60A, FEEDER SHALL BE FUSED 40A, FOUR (4)
#8, (1) #10 IN 1" CONDUIT.

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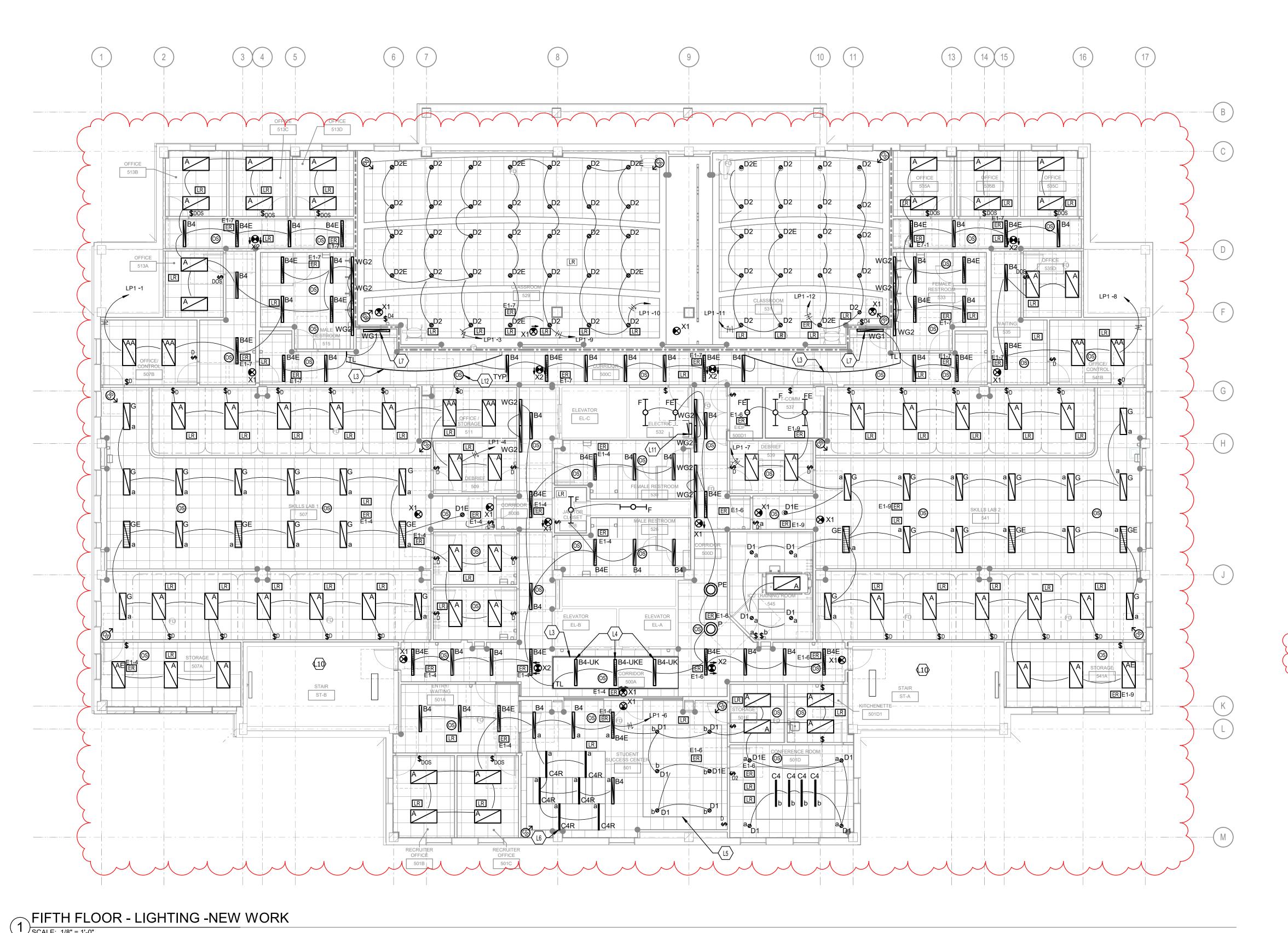


LOWER ROOF - POWER/SYSTEMS - NEW WORK PHASE 9 MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

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#### **ELECTRICAL LIGHTING NOTES**

- A REFER TO THE ARCHITECT'S REFLECTED CEILING PLANS, ELEVATIONS, AND CASEWORK DETAILS FOR EXACT LOCATIONS OF ALL WALL AND CEILING MOUNTED ELECTRICAL DEVICES.
- B CONTRACTOR SHALL FOLLOW BRANCH CIRCUITING LAY-OUT, AS INDICATED ON THE FLOOR PLANS, WITH A MAXIMUM OF THREE (3) BRANCH CIRCUITS PER HOMERUN. EACH BRANCH CIRCUIT SHALL BE PROVIDED WITH A DEDICATED NEUTRAL CONDUCTOR. DEDICATED NEUTRAL CONDUCTORS SHALL BE CONSIDERED CURRENT CARRYING. IF ADDITIONAL CONDUCTORS ARE RAN IN THE SAME CONDUIT WITH THOSE INDICATED, CONTRACTOR SHALL DERATE ALL CURRENT CARRYING CONDUCTORS PER N.E.C. #310.15(B)(3), AND UPSIZE CONDUIT AS REQUIRED PER N.E.C. #300.17 AND ANNEX C. MULTIWIRE BRANCH CIRCUITS AS DEFINED IN N.E.C #100 / 210.4 (CIRCUITS SHARING A COMMON NEUTRAL CONDUCTOR) SHALL NOT BE PERMITTED.
- IDENTIFY THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES, SWITCHES, ETC. IN AREA OF CONSTRUCTION. PROVIDE CLEAR ADHESIVE LABELS WITH BLACK LETTERING. ALSO, MARK INSIDES OF ALL DEVICE BOXES WITH PANEL AND CIRCUIT NUMBER.
- D LOCATE CHAIN-HUNG INDUSTRIAL FIXTURES IN MECHANICAL ROOMS TO AVOID DUCTWORK AND PIPING, TO MAXIMIZE AVAILABLE LIGHT. SPACE AROUND EQUIPMENT, AIR HANDLERS, ETC. TO PROVIDE ADEQUATE LIGHTING TO ALL AREAS OF ROOM. PROVIDE ADDITIONAL FIXTURES OF SAME TYPE AS NEEDED TO FULFILL THIS REQUIREMENT.
- E LOCATE EXIT SIGNS FOR MAXIMUM VIEWING AREA TO IDENTIFY EGRESS PATHS AS INDICATED ON PLANS. COORDINATE LOCATIONS SUCH THAT ARCHITECTURAL FEATURES OR EQUIPMENT FROM OTHER TRADES DO NOT OBSTRUCT VIEW.
- F LUMINAIRES INDICATED WITH MULTI-LEVEL SWITCHING SHALL HAVE SIMILAR LAMPS CONTROLLED TOGETHER, I.E. INBOARD AND OUTBOARD LAMPS OR RIGHT AND LEFT HAND
- G ALL LIGHTING FIXTURE LENSES, PARABOLIC LOUVERS, DOWNLIGHTING ALZAK CONES AND "PARACUBE" LOUVERS SHALL BE HANDLED WITH COTTON GLOVES DURING INSTALLATION AND LAMPING TO AVOID FINGERPRINTS OR DIRT DEPOSITS. IT IS PREFERRED THAT FIXTURES BE SHIPPED AND INSTALLED WITH CLEAR PLASTIC BAGS TO PROTECT LOUVERS. AT CLOSE OF PROJECT, AND AFTER CONSTRUCTION AIR FILTERS ARE CHANGED, REMOVE BAGS. ANY LOUVER OR CONE SHOWING DIRT OR FINGER PRINTS SHALL BE CLEANED WITH SOLVENT RECOMMENDED BY THE MANUFACTURER, OR REPLACED AS NECESSARY IN ORDER TO TURN OVER TO THE OWNER NEW FIXTURES AT OCCUPANCY.
- H RECESSED LUMINAIRES SHALL BE SECURED SUCH THAT THE FORCE REQUIRED INSERTING LAMPS, TRIMS, LENSES, LOUVERS, OR DOOR FRAMES DOES NOT SHIFT HOUSING. ALL TRIMS SHALL BE COMPLETELY FLUSH WITH FINISHED CEILINGS AT COMPLETION OF CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE UNSWITCHED CONDUCTOR TO ALL EXIT SIGNS AND NIGHT LIGHTS AS REQUIRED FED FROM

#### **TAGGED NOTES**

- L3 LED STRIP LIGHTS MOUNTED ON ARCHITECTURAL SHELF AT CEILING. REFER TO ARCHITECTURAL DETAILS.
- THESE INSTANCES OF THIS FIXTURE TYPE TO HAVE A GYPSUM TRIM RING.
- L5 COORDINATE CAN LIGHTING INSTALL IN CEILING
- PANEL SYSTEM L6 TYPE 'C4R' FIXTURES IN THIS AREA TO BE RECESS MOUNTED IN CENTER OF CEILING PANEL. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH CEILING INSTALLER AND CUT TILE PER
- L7 FIXTURE 'WG' TO BE A WALL GRAZER TYPE FIXTURE MOUNTED AT THE EDGE OF THE CEILING ABOVE THE DOOR WAY

MANUFACTURERS RECOMMENDATIONS.

- L10 REFEED EXISTING LIGHTING IN STAIRWAY AS NEEDED WITH NEW EMERGENCY CIRCUIT FEEDING EMERGENCY FIXTURES IN CORRIDOR.
- L11 LIGHTING CONTROL PANEL LOCATION NEXT TO PANEL LP1. L12 ALL OCCUPANCY SENSORS SHALL HAVE AUXILIARY RELAY CONTACTS. CEILING AND CORNER MOUNTED

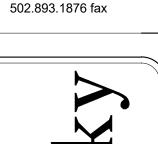
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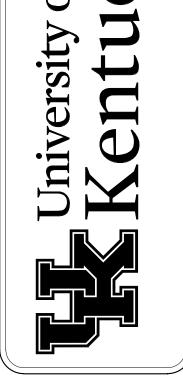
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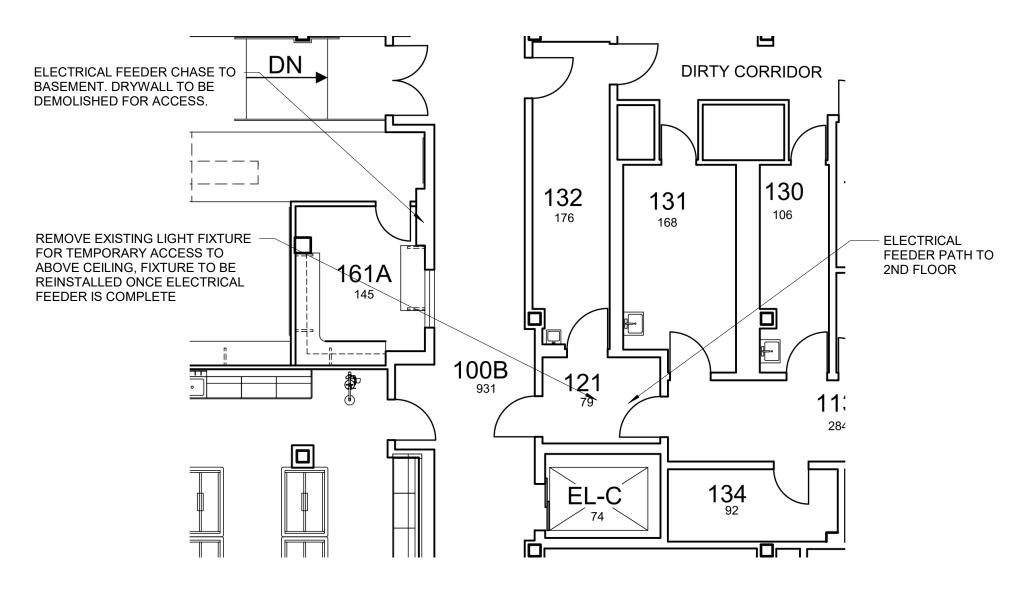




FIFTH FLOOR - LIGHTING - NEW WORK

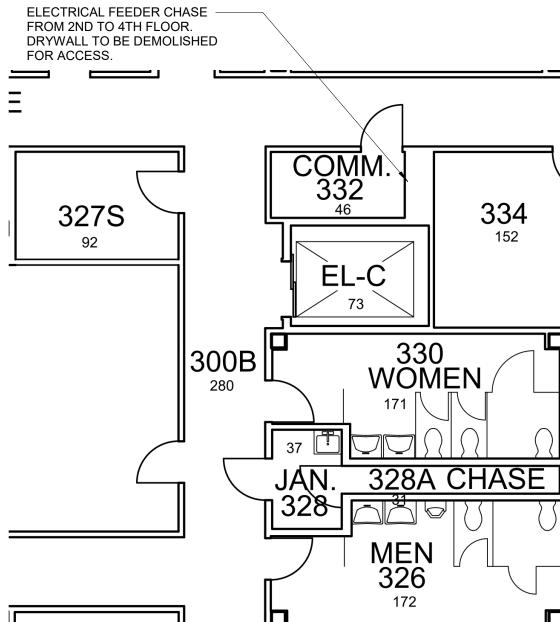
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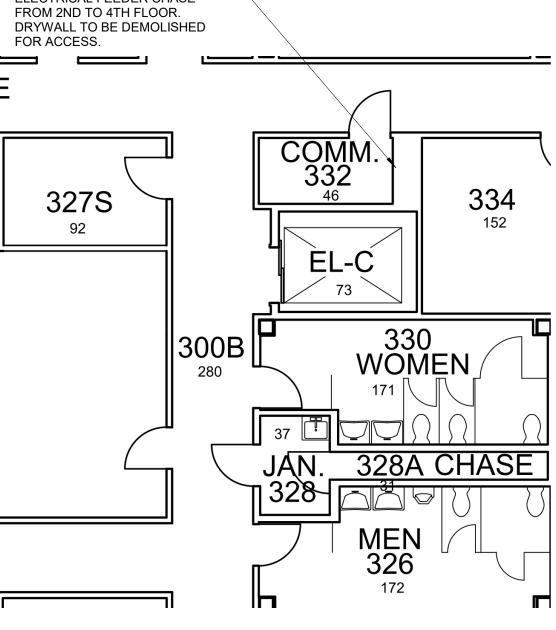
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1 FIRST FLOOR SCALE: NONE

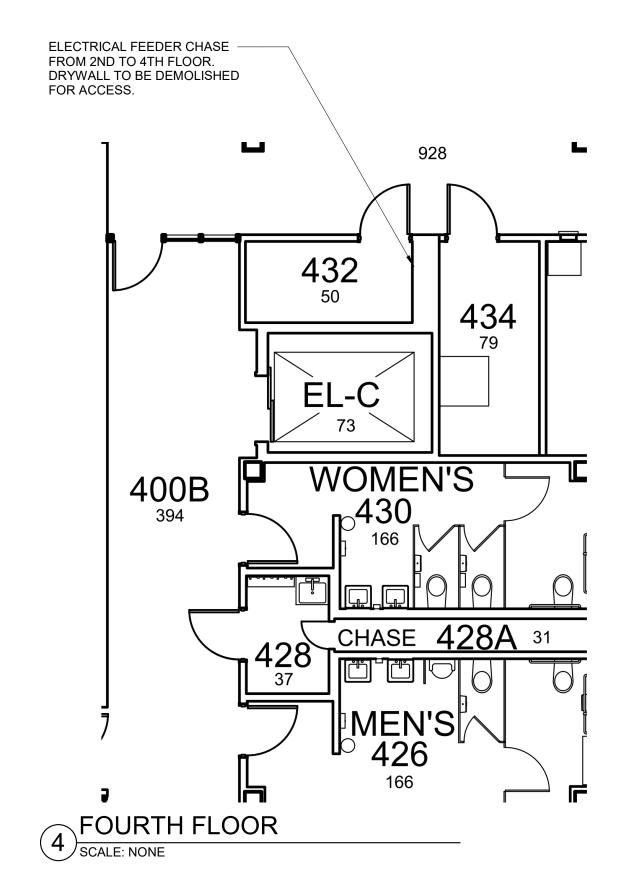
3 THIRD FLOOR SCALE: NONE





CONTRACTOR TO TEMPORARILY REMOVE — LIGHT FIXTURE FOR CEILING DEMO. REINSTALL LIGHT FIXTURE AFTER FEEDER INSTALL AND CEILING HAS BEEN REPLACED. 218 - ELECTRICAL FEEDER CHASE FROM 1ST TO 3RD FLOOR **7** MOMENIC U



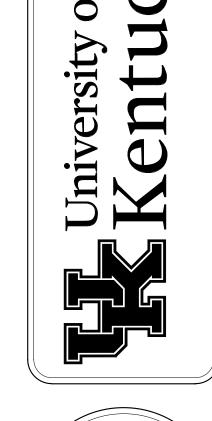




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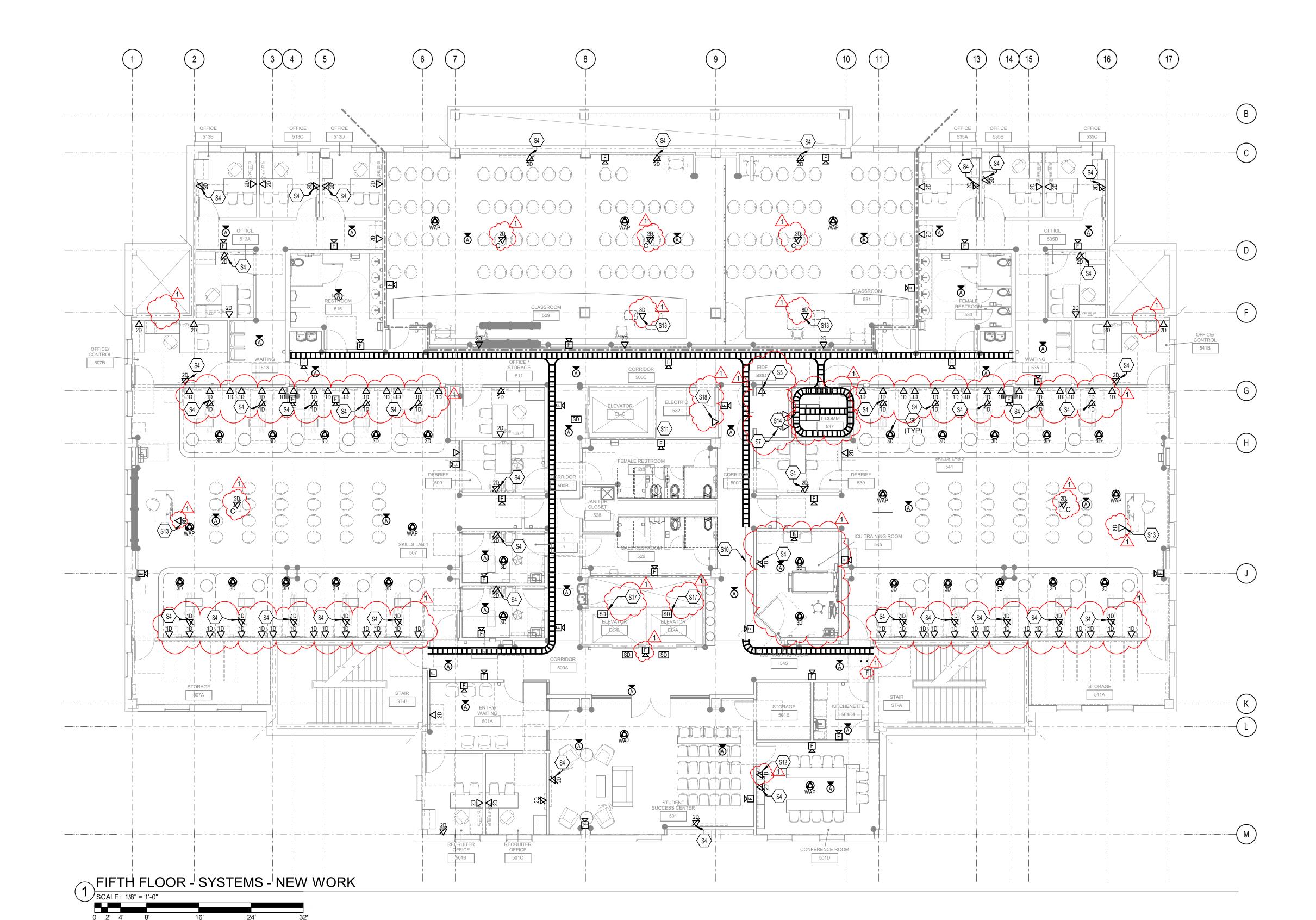
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MULTI - FLOOR ELECTRICAL PLAN
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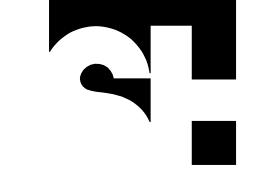
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY 07 JULY 2023 E4.0



#### TAGGED NOTES

- S4 COORDINATE OUTLET LOCATION WITH SCREEN LOCATION PRIOR TO ROUGH-IN.
- S5 COORDINATE DATA CONNECTION WITH BUILDING CONTROLS PANEL PRIOR TO ROUGH IN.
- S6 TYPICAL ALL 3D ABOVE CEILING DROPS: DATA DROP SHALL BE LOCATED ABOVE CEILING FOR FUTURE AUDIOVISUAL SYSTEM. COIL 10' OF SLACK AND TERMINATE IN A 3 PORT SURFACE MOUNTED BOX.
- S7 COORDINATE DATA DROPS WITH AV RACK LOCATION PRIOR TO ROUGH IN.
- S10 INSTALL THREE (3) 4" EMT CONDUITS FROM ONE SECTION OF TRAY TO THE NEXT WITH PULL STRINGS IN THIS AREA.
- S11 CONTRACTOR TO COORDINATE WITH SIMPLEX FOR CONDUIT PATHWAY FROM 5TH FLOOR DOWN TO MAIN FACP IN THE BASEMENT. INSTALL ONE (1) 3" EMT CONDUIT.
- S12 1D PROVIDED AT 48" AFF FOR CONTROL STATION. SEE AV SHEETS FOR ADDITIONAL INFORMATION
- S13 8D PROVIDED IN P1 AT INSTRUCTOR DESK. SEE AV SHEETS FOR ADDITIONAL INFORMATION
- S14 COORDINATE DATA CONNECTION WITH BUILDING SECURITY/IACCESS CONTROLS PANELS S17 SMOKE DETECTORS TO BE MOUNTED IN TOP OF **ELEVATOR SHAFT**
- S18 COORDINATE DATA DROP WITH LIGHTING CONTROL PANEL



STENGEL HILL ARCHITECTURE

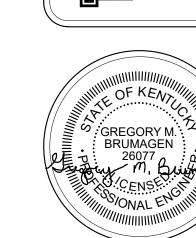
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FIFTH FLOOR - SYSTEMS - NEW WORK MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

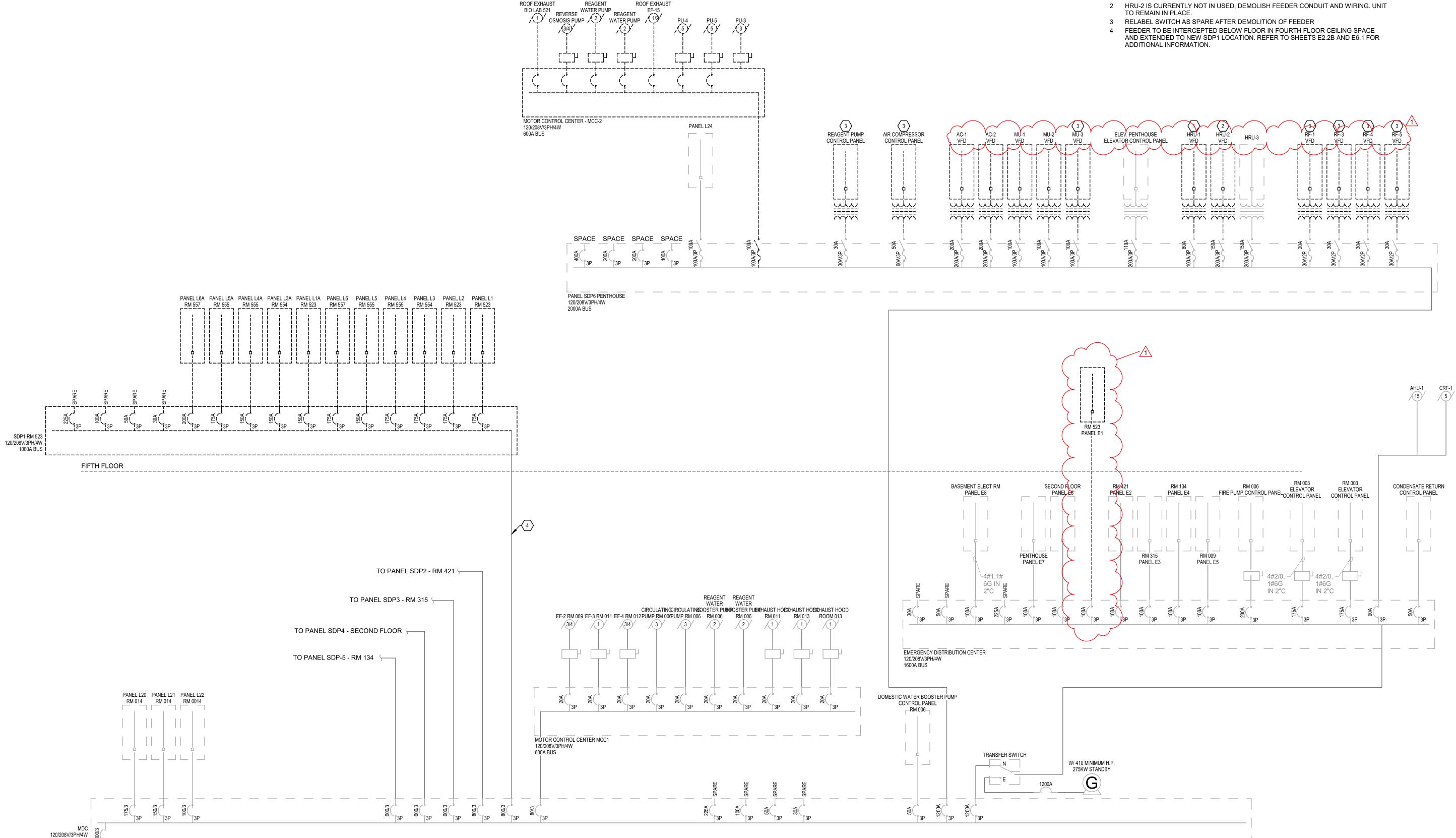
ADDENDUM 03 8.9.2023

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OCUMENT CONT



- 1 HRU-1 IS CURRENTLY NOT IN USED, DEMOLISH FEEDER CONDUIT AND WIRING. UNIT TO REMAIN IN PLACE.



STENGEL HILL

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University



ELECTRICAL ONE-LINE DIAGRAM - DEMOLITION MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

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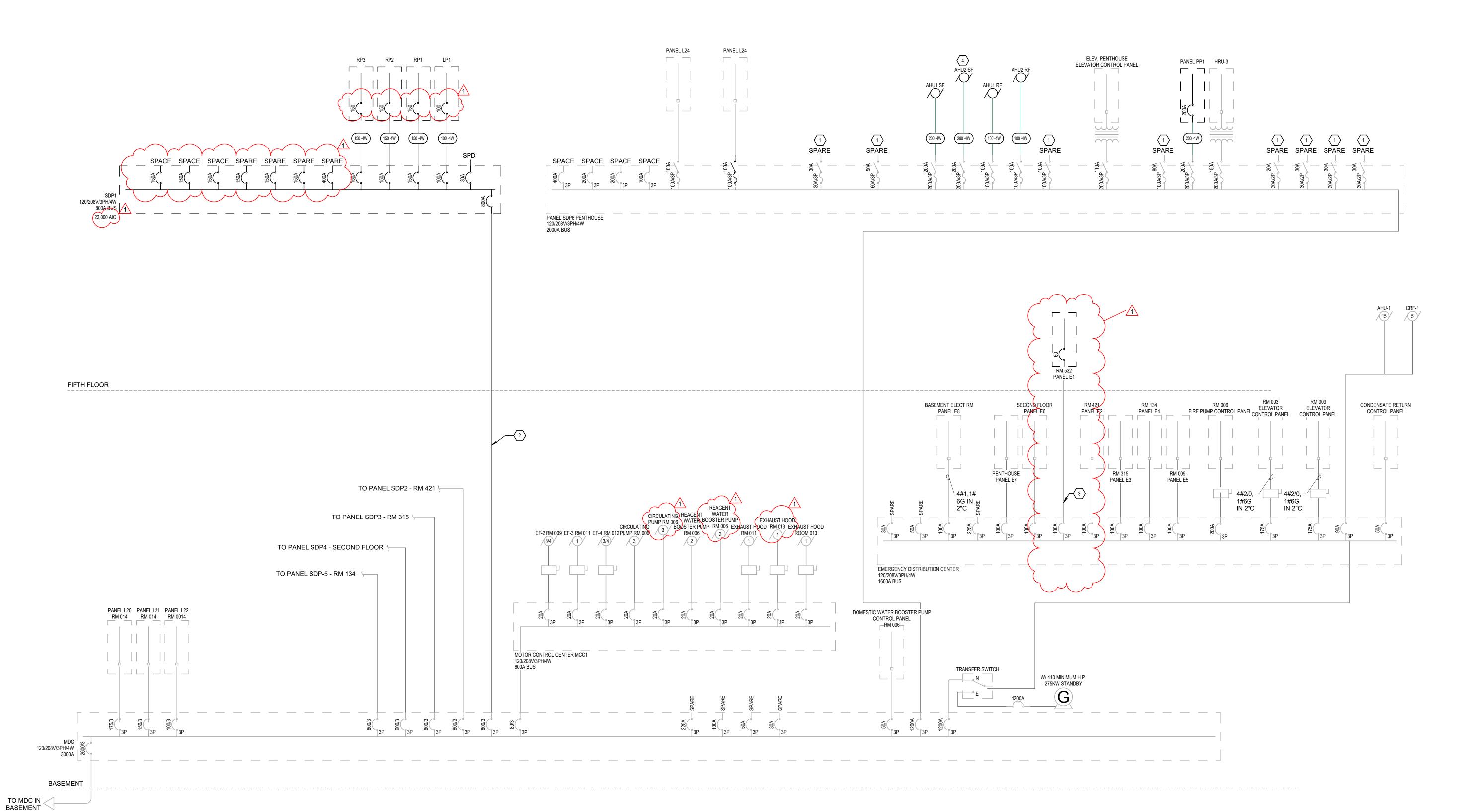
BASEMENT

TO MDC IN BASEMENT

#### **ONE-LINE NEW WORK TAGGED NOTES**

1 RELABEL SWITCH AS SPARE 2 INTERCEPT EXISTING FEEDER OF TWO PARALLEL RUNS OF 4#500 MCM, 1#3 GROUND IN 3 1/2" CONDUIT IN CEILING SPACE OF FOURTH FLOOR AND EXTEND TO NEW SDR1 PANEL IN ROOM 532, REFER TO POWER PLAN NEW WORK FOR VADDITIONAL INFORMATION. DURALIFE POWER CABLING OR EQUAL IN 2 1/2" CONDUIT TO BASEMENT

3 INSTALL FOUR (4) #3, ONE (1) #4G 2 HOUR FIRE RESISTIVE CONDUCTORS. RADIX DISTRIBUTION SWITCHBOARD. REFER TO POWER PLAN NEW WORK, SHEET E2.01 ABASEMENT POWER NEW WORKAAND SHEET E4.0 MULTI-FLOOR ELECTRICAL PLAN FOR ADDITIONAL INFORMATION. 4 THIS 200A SWITCH SHALL BE UTILIZED FOR THE TEMPORARY FEEDER TO TEMP AHU PRIOR TO BEING UTILIZED AS THE FINAL FEEDER FOR THIS AHU. REFER TO PHASED PLANS FOR ADDITIONAL INFORMATION.



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OCUMENT

CONTI

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY



ELECTRICAL ONE-LINE DIAGRAM - NEW WORK MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

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07 JULY 2023

**SELECTRICAL ONE-LINE DIAGRAM - NEW WORK** 

COMMUNICATIONS RISER
SCALE: NONE

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY COMMUNICATIONS RISER

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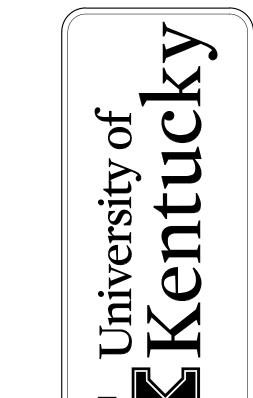
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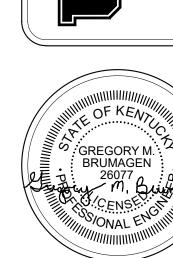
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STENGEL HILL ARCHITECTURE 501 EAST HIGH STREET

> LEXINGTON, KENTUCKY 40502 859.402.8008

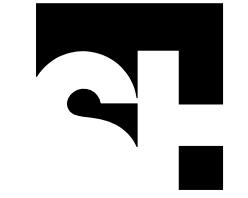
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MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

DANEL BOARD AND WIRING SCHEDLILE							DANEL BOARD AND	MIDING COLEDIII E				DANEL BOARD AND	WIDING SCHEDIII E	<u> </u>		<u> </u>	$\longrightarrow$		
PANELBOARD AND WIRING SCHEDULE				PANELBOARD AND	WIKING SCHEDULE				PANELBOARD AND WIRING SCHEDULE										
PANEL: RP1			MAINS TYPE: MCB	3	PANEL INTERR	RUPTING RATING: 22kAIC	PANEL: RP2	N	IAINS TYPE: MCB	PANEL INTERRUPTING RATING: 22kAIC		PANEL: RP3	M	AINS TYPE: MCB	PANEL INTERRUPTING RAT	ring: 22kAIC			
VOLTAGE: 208Y/120V,3P,4W	1		SPD: No			LOCATION: ELECTRIC 532	<b>VOLTAGE</b> : 208Y/120V,3P,4W		SPD: No	LOCATION: ELECTRIC 5	32	VOLTAGE: 208Y/120V,3P,4V	W	SPD: No	LOCAT	TION: ELECTRIC 532			
AMPERES: 150 A			MOUNTING: SUR	RFACE		SUPPLY FROM: SDP1	AMPERES: 150 A		MOUNTING: SURFACE	SUPPLY FROM: SDP1		AMPERES: 150 A		MOUNTING: SURFACE	SUPPLY FI	ROM: SDP1	-		
NOTES CIRCUIT DESCRIPTION	HOT, NEUT, GND	CP P CKT	A E	3 C	CKT P OCE	P HOT, NEUT, GND CIRCUIT DESCRIPTION	NOTES   NOTES   CIRCUIT DESCRIPTION	HOT, NEUT, GND OCP P CKT	A B C	CKT P OCP HOT, NEUT, GND	IRCUIT DESCRIPTION NOTE	NOTES CIRCUIT DESCRIPTION	HOT, NEUT, GND OCP P CKT	АВ	C CKT P OCP HOT, NE	UT. GND CIRCUIT DESCRIPTION	ON NOTES		
REC RM 513B	1-#10, 1-#10, 1-#10		0.9 0.9		2 1 20	1-#12, 1-#12, 1-#12 REC RM 513C	REC RM 531	1-#12, 1-#12, 1-#12 20 1 1 (	0.7 0.7	2 1 20 1-#12, 1-#12, 1-#12 REC R	M 531	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 1 0	.7 0.7	2 1 20 1-#12, 1-#	12, 1-#12 HEADWALL REC RM 541			
REC RM 513D	1-#12, 1-#12, 1-#12	20 1 3	0.9	0.2	4 1 20	1-#12, 1-#12, 1-#12 REC RM 513	POKE THRU RM 531	1-#12, 1-#12, 1-#12 20 1 3	0.7 0.7	4 1 20 1-#12, 1-#12, 1-#12 POKE	THRU RM 531	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 3	0.7 0.7		#12, 1-#12 HEADWALL REC RM 541			
REC RM 513, 500C	1-#12, 1-#12, 1-#12	20 1 5		0.5 0.9	6 1 20	1-#12, 1-#12, 1-#12 REC 513A	PROJECTOR, PROJ SCREEN RM 53°	1-#12, 1-#12, 1-#12 20 1 5	0.7	0.7 6 1 20 1-#12, 1-#12, 1-#12 REC, F	OKE THRU RM 531	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 5		0.7 0.7 6 1 20 1-#12, 1-#				
REC, TRAP PRIMER RM 515	1-#12, 1-#12, 1-#12	20 1 7	0.2 1.0		8 1 20	1-#12, 1-#12, 1-#12 VAV USE J BOX RM 513, 500C	REC RM 511	1-#12, 1-#12, 1-#12 20 1 7 (	0.9 1.1	8 1 20 1-#12, 1-#12, 1-#12 REC R	M 509	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 7 0	.7 0.7	8 1 20 1-#12, 1-#	#12, 1-#12 HEADWALL REC RM 541			
REC RM 507B	1-#10, 1-#10, 1-#10	20 1 9	1.1	0.7	10 1 20	1-#12, 1-#12, 1-#12 REC RM 529	REC RM 505	1-#12, 1-#12, 1-#12 20 1 9	0.7 0.9	10 1 20 1-#12, 1-#12, 1-#12 REC R		HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 9	0.7 0.7	10 1 20 1-#12, 1-#	#12, 1-#12 HEADWALL REC RM 541			
PROJECTOR, PROJ SCREEN RM 52	9 1-#12, 1-#12, 1-#12	20 1 11		0.7 0.7	12 1 20	1-#12, 1-#12, 1-#12 POKE THRU RM 529	REC RM 500B	1-#12, 1-#12, 1-#12 20 1 11	0.5	0.5 12 1 20 1-#12, 1-#12, 1-#12 REC R	M 526,528,530	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 11			#12, 1-#12 HEADWALL REC RM 541			
POKE THRU RM 529	1-#12, 1-#12, 1-#12	20 1 13	0.7 0.7		14 1 20	1-#12, 1-#12, 1-#12 POKE THRU RM 529	1 DRINKING FOUNTAIN 500B	1-#12, 1-#12, 1-#12 20 1 13	.0 1.0	14 1 20 1-#12, 1-#12, 1-#12 DRINK	NG FOUNTAIN 500B 1	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 13 0	.7 0.7		#12, 1-#12 HEADWALL REC RM 541			
POKE THRU RM 529	1-#12, 1-#12, 1-#12	20 1 15	0.7	0.7	16 1 20	1-#12, 1-#12, 1-#12 POKE THRU RM 529	REC RM 500A, 500D	1-#12, 1-#12, 1-#12 20 1 15	0.9 0.5	16 1 20 1-#12, 1-#12, 1-#12 REC R	M 500D	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 15	0.7 0.7	16 1 20 1-#12, 1-#	#12, 1-#12 HEADWALL REC RM 541			
POKE TRHU RM 529	1-#12, 1-#12, 1-#12	20 1 17		0.4 0.5	18 1 20	1-#12, 1-#12, 1-#12 REC RM 529	REC RM 532	1-#12, 1-#12, 1-#12 20 1 17	0.4	0.4 18 1 20 1-#12, 1-#12, 1-#12 AV EQ	JIPMENT RM 500D1	HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 17		0.7 0.7 18 1 20 1-#12, 1-#	#12, 1-#12 HEADWALL REC RM 541			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 19	0.7 0.7		20 1 20	1-#12, 1-#12, 1-#12 PROJECTOR, PROJ SCREEN RM 529		10	.0 0.9	20 1 20 1-#12, 1-#12, 1-#12 REC R		HEADWALL REC RM 541	1-#12, 1-#12, 1-#12 20 1 19 0	.7 0.7		12, 1-#12 HEADWALL REC RM 541			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 21	0.7	0.7	22 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	UPS RM 537	2-#10, 1-#10, 1-#10   30   2   21	1.0 0.5	22 1 20 1-#12. 1-#12. 1-#12 REC R		REC RM 541	1-#12, 1-#12, 1-#12 20 1 21	0.5 0.7		12, 1-#12 PROJECTOR, PROJ SCREEN	.N RM 541		
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 23		0.7 0.7	24 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	REC RM 545	1-#12, 1-#12, 1-#12 20 1 23	0.2	1.0 24 1 20 1-#12. 1-#12. 1-#12 REC. V	AV RM 501A	POKE THRU RM 541	1-#12, 1-#12, 1-#12 20 1 23		0.4 1.0 24 1 20 1-#12.1-#	#12, 1-#12 REC, VAV, SVB1 RM 541			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 25	0.7 0.7		26 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	REC RM 501B	1-#12. 1-#12. 1-#12 20 1 25 (	0.9 0.9	26 1 20 1-#12, 1-#12, 1-#12 REC R	M 501C	REC RM 500C.535	1-#12, 1-#12, 1-#12 20 1 25 0	.7 0.2		#12, 1-#12 REC RM 535			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 27	0.7	0.7	28 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	REC RM 501	1-#12, 1-#12, 1-#12 20 1 27	1.1 1.1	28 1 20 1-#12, 1-#12, 1-#12 REC R		VAV RM 535	1-#12, 1-#12, 1-#12 20 1 27	0.5 1.1	·	#12, 1-#12 REC RM 541B			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 29		0.7 0.7	30 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	REC RM 501D	1-#10, 1-#10, 1-#10 20 1 29	1.3	0.5 30 1 20 1-#12. 1-#12. 1-#12 REC R		REC RM 535D	1-#12, 1-#12, 1-#12 20 1 29			#12, 1-#12 REC RM 535C			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 31	0.7 0.7		32 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	REC RM 501D1	1-#12, 1-#12, 1-#12 20 1 31 (	0.4 1.0	32 1 20 1-#12. 1-#12. 1-#12 MICRO	WAVE REC RM 501D1	REC 535B	1-#12, 1-#12, 1-#12 20 1 31 0	.9 0.9		#12. 1-#12 REC RM 535A			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 33	0.7	0.7	34 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	1_ REF REC RM 501D1	1-#12, 1-#12, 1-#12 20 1 33	1.0 1.0	34 1 20 1-#12, 1-#12, 1-#12 COFFE	E REC RM 501D1	REC. TRAP PRIMER RM 533	1-#12, 1-#12, 1-#12 20 1 33	0.7 0.4	34 1 20 1-#12.1-#	412, 1-#12 AV RACK RM 541B			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 35		0.7 0.7	36 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	REC RM 501E	1-#12, 1-#12, 1-#12 20 1 35	0.4		NG FOUNTAIN 1	REC RM 541A	1-#12, 1-#12, 1-#12 20 1 35	0	·	#12, 1-#12 REC EM 541A			
HEADWALL REC RM 507	1-#12, 1-#12, 1-#12	20 1 37	0.7 0.7	V V	38 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	1 DRINKING FOUNTAIN	1-#12. 1-#12. 1-#12 20 1 37	1.0 1.0		NG FOUNTAIN 1	SPARE	- 20 1 37 0	.0 0.0	38 1 20	- SPARE			
PROJECTOR, PROJ SCREEN RM 50		20 1 39	1.2	0.7	40 1 20	1-#12, 1-#12, 1-#12 HEADWALL REC RM 507	1 DRINKING FOUNTAIN	1-#12, 1-#12, 1-#12 20 1 39	1.0 0.4	40 1 20 1-#12, 1-#12, 1-#12 REC R		SPARE	- 20 1 39	0.0 0.0	40 1 20 -	- SPARE			
REC, VAV, SVB-1 RM 509	1-#12, 1-#12, 1-#12	20 1 41		1.0 1.0	42 1 20	1-#12, 1-#12, 1-#12 POKE THRU RM 507	REC RM 545	1-#12, 1-#12, 1-#12	0.7	0.4 42 1 20 1#12.1-#12 RECR		SPARE	- 20 1 41	0.0	0.0 0.0 42 1 20 -	- SPARE			
REC RM 507A	1-#12, 1-#12, 1-#12	20 1 43	0.5 0.5		44 1 20	1-#12, 1-#12, 1-#12 REC RM 509	1 EQUIP	1-#10, 1-#10, 1-#10, 30, 1, 43, 2	0.0 0.2	44 1 20 1-#12, 1-#12, 1-#12 RBCR	M 545 HEADWALL	SPARE	- 20 1 43 0	.0 0.0	44 1 20 -	- SPARE			
REC RM 529	1-#12, 1-#12, 1-#12	20 1 45	0.4	0.4	46 1 20	1-#12, 1-#12, 1-#12 REC RM 507A	SPARE	20 1 45	0.0 0.2		M 545 HEADWALL	SPARE	- 20 1 45	0.0 0.0	46 1 20 -	- SPARE			
REC RM 529	1-#12, 1-#12, 1-#12	20 1 47		0.7 0.5	48 1 20	1-#12, 1-#12, 1-#12 REC RM 529	SPARE 1	20 1 47	0.0	0.0 48 1 20 SPARE		SPARE	- 20 1 47	0.0	0.0 0.0 48 1 20 -	- SPARE			
CUH RM ST-B	1-#12, 1-#12, 1-#12	20 1 49	0.5 0.0	V V.O	50 1 20	SPARE	SPARE	20 1 49 0	0.0 0.0	50 1 20 SPARE		SPARE	- 20 1 49 0	.0 0.0	50 1 20	- SPARE			
SPARE		20 1 51	0.0	0.0	52 1 20	SPARE	SPARE	20 1 51	0.0 0.0	52 1 20 SPARE		SPARE	- 20 1 51	0.0 0.0	52 1 20 -	- SPARE			
SPARE		20 1 53		0.0 0.0	54 1 20	SPARE	SPARE	20 1 53	0.0			SPARE	- 20 1 53	0.0	0.0 0.0 54 1 20 -	- SPARE			
			11.7 kVA 11.3	kVA 11.4 kVA		-   -   -   -   -   -   -   -   -   -			14.7 kVA 11.7 kVA 8.7 k					8.5 kVA 8.2 kVA	8.4 kVA				
			98 A 94		1				126 A 102 A 72					71 A 68 A	71 A				
LOAD CLASSIFICATION	CONNECTED LOAD	DEMAND F	0071	0071		PANEL TOTALS	LOAD CLASSIFICATION	CONNECTED LOAD DEMAND FA		·	LS	LOAD CLASSIFICATION	CONNECTED LOAD DEMAND FA			PANEL TOTALS			
EQUIP	4540 VA	100.0		4540 VA		TOTAL CONNECTED LOAD: 34340		11180 VA 100.00			CONNECTED LOAD: 35060 VA	EQUIP	2180 VA 100.009			TOTAL CONNECTED LOAD:	25040 VA		
REC	29800 VA	66.78		19900 VA		TOTAL ESTIMATED DEMAND: 24440		23880 VA 70.949			TIMATED DEMAND: 28120 VA	REC:	22860 VA 71.87%			TOTAL ESTIMATED DEMAND:			
TALO	25000 171	00.70	70	15500 771		TOTAL CONNECTED CURRENT: 95 A	TILE O	2000 77	10340 V/1		NECTED CURRENT: 97 A		22000 V/( / / / / / / / / / / / / / / / / / /	10400 77		TOTAL CONNECTED CURRENT:			
						TOTAL CONNECTED CORRENT: 93 A					DEMAND CURRENT: 78 A				то	TAL ESTIMATED DEMAND CURRENT:			
						25 % ADDITIONAL CAPACITY: 17 A					ITIONAL CAPACITY: 20 A	<del>/</del> /			10	25 % ADDITIONAL CAPACITY:	-		
												<del> </del>							
						TOTAL PANEL CURRENT: 85 A					L PANEL CURRENT: 98 A	7				TOTAL PANEL CURRENT:	:   05 A		
NOTES: WHERE NOT LISTED, WIRE ANI	O CONDUIT SHALL BE BE	MINIMUM PER S	PECIFICATIONS. S	SPARE BREAKERS	TO BE 20A/1P.		NOTES: WHERE NOT USTED, WIRE AND  1. GFCI TYPE BREAKER  1	) CONDUIT SHALL BE BE MINIMUM PER SI	PECIFICATIONS. SPARE BREAK	ERS TO BE 20A/1P.		NOTES: WHERE NOT LISTED, WIRE AN	ND CONDUIT SHALL BE BE MINIMUM PER SF	ECIFICATIONS. SPARE BR	REAKERS TO BE 20A/1P.		•		



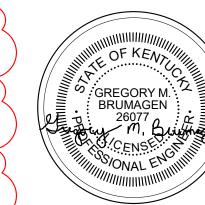
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iversity



MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY **ELECTRICAL PANEL SCHEDULES** 

ADDENDUM 03 8.9.2023

MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY

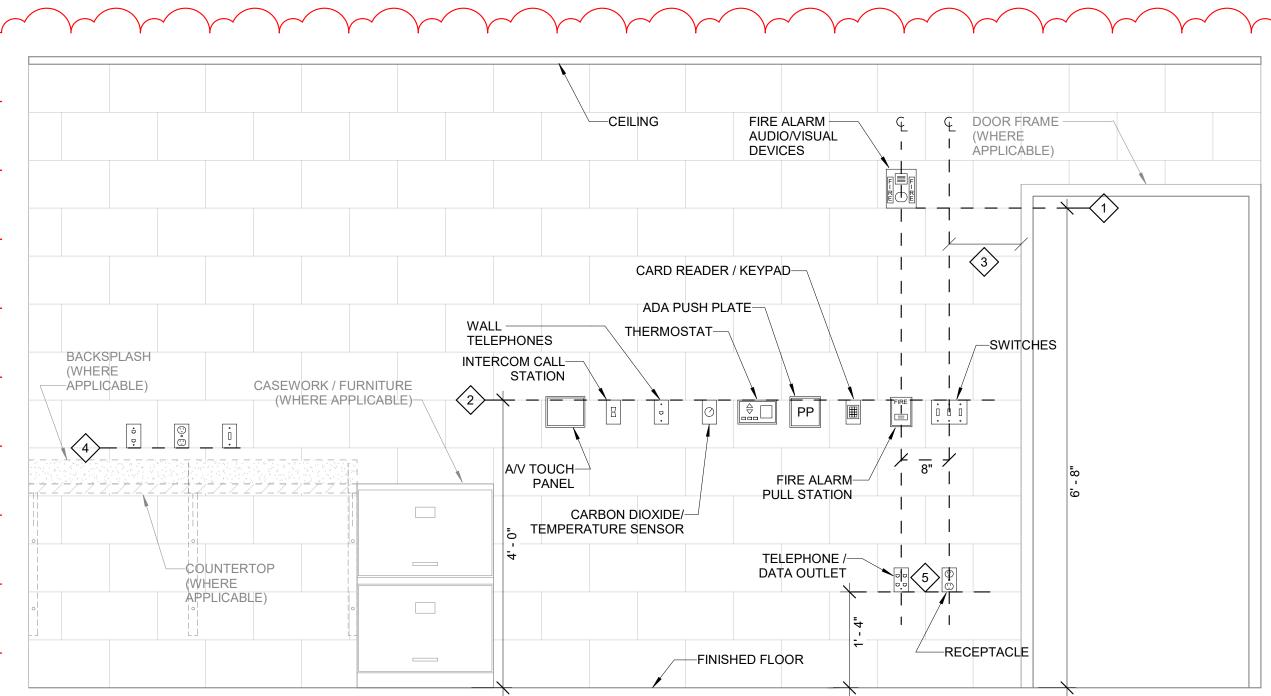
07 JULY 2023

E7.0

#### CABLE TRAY INSTALLATION DETAIL (1) SCALE: NONE

MINIMIZE THE NUMBER OF OFFSETS

REQUIRED BY CAREFUL COORDINATION.



#### **DEVICE MOUNTING DETAIL - GENERAL NOTES:**

- A. THIS DETAIL IS INTENDED AS A GENERAL GUIDELINE. SPECIFIC ELEVATIONS SHOWN ON ARCHITECTURAL ELEVATIONS TAKE PRECEDENCE. B. WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA ON THE PLANS AND ARE SHOWN TO BE MOUNTED AT A SIMILAR HEIGHT, ALIGN
- HORIZONTALLY ALONG TOP OF DEVICE BACKBOX (AS SHOWN IN DETAIL AND DESCRIBED IN KEY NOTE #2). C. WHERE DEVICES OF ANY DISCIPLINE ARE LOCATED IN THE SAME GENERAL AREA ON THE PLANS AND ARE SHOWN MOUNTED AT DIFFERENT HEIGHTS, ALIGN
- VERTICALLY ALONG THE CENTERLINE OF THE DEVICE BACKBOX (AS SHOWN IN
- D. FOR ANY WALL OTHER THAN PAINTED GYPSUM BOARD OR CMU, DEVICE LOCATIONS MUST BE FIELD APPROVED BY ENGINEER OR ARCHITECT PRIOR TO INSTALLATION OF FINISHES.

#### **DEVICE MOUNTING DETAIL - KEY NOTES:**

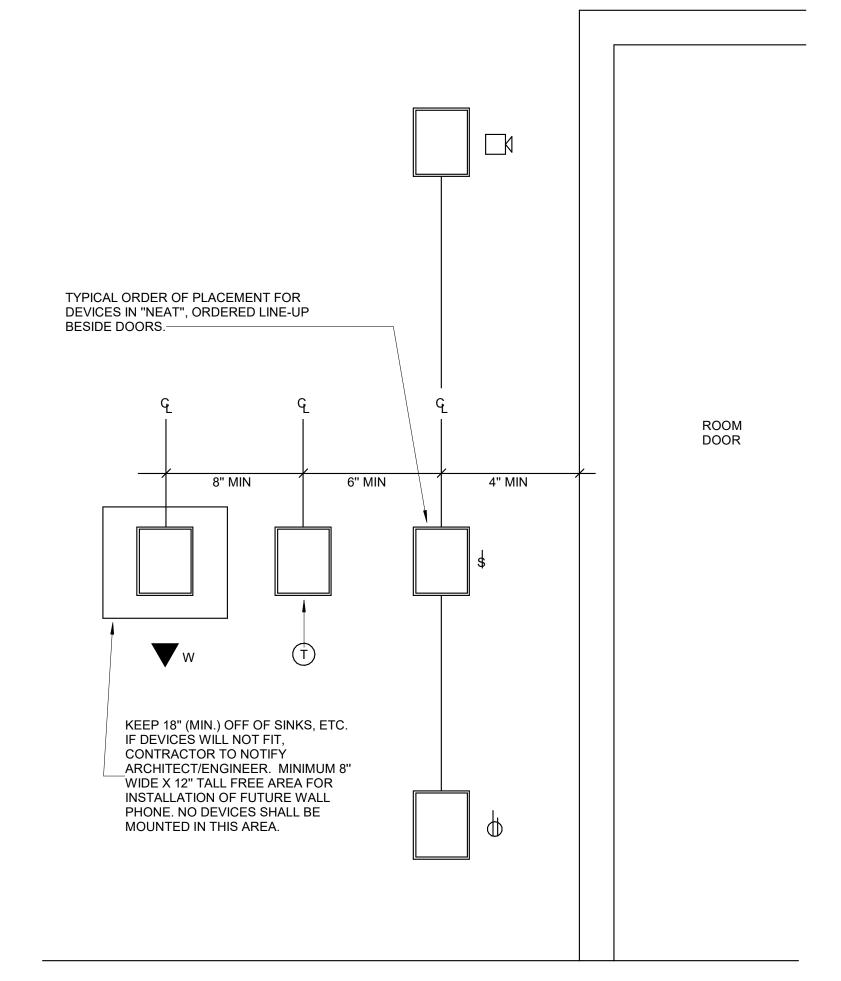
WORKPLACE TO BE 16".

- 1. MOUNT VISUAL NOTIFICATION APPLIANCES SO THAT ENTIRE LENS IS BETWEEN 80" AND 96" AFF. IF CEILING IS TOO LOW FOR DEVICE TO BE MOUNTED ABOVE 80",
- 2. ALIGN BACKBOXES OF DEVICES AT THE MOUNTING HEIGHT INDICATED. MEASURE TO THE TOP OF THE BACKBOX FOR STANDARD OUTLET BOXES. NON-STANDARD BACKBOXES ARE TO BE INSTALLED SUCH THAT THE FINISHED DEVICES ARE
- FOLLOWED UNLESS CONTRADICTED BY APPLICABLE CODE. WHERE DEVICES ARE SHOWN ADJACENT TO DOOR FRAMES ON PLANS INSTALL 12" FROM FRAME TO AVOID SLUSHED SECTIONS OR BRACING. SPECIFIC DEVICES ARE SHOWN IN RELATIVE ORDER FROM DOOR FRAME; WHERE INDICATED DEVICES ARE NOT PRESENT AT A PARTICULAR LOCATION, ADJUST LOCATIONS OF INSTALLED
- 4. THE CONTRACTOR IS TO COORDINATE ALL ROUGH-INS WITH ANY COUNTERTOPS/BACKSPLASHES TO AVOID CONFLICT. ALIGN DEVICE BACKBOXES IN THE NEXT FULL BLOCK ABOVE THE BACKSPLASH AS SHOWN. FOR NON-BLOCK WALLS ALIGN BOTTOM OF DEVICE BACKBOXES 4" ABOVE BACKSPLASH. COORDINATE WORK WITH CASEWORK AND KITCHEN SHOP DRAWINGS. MAXIMUM ELEVATION IS TO BE 44" AFF PER ADAAG REQUIREMENTS. IF CONFLICT STILL ARISES CONTACT THE ENGINEER FOR DIRECTION ON HOW TO PROCEED. 5. MAXIMUM SEPARATION FOR POWER AND DATA OUTLETS SERVING THE SAME

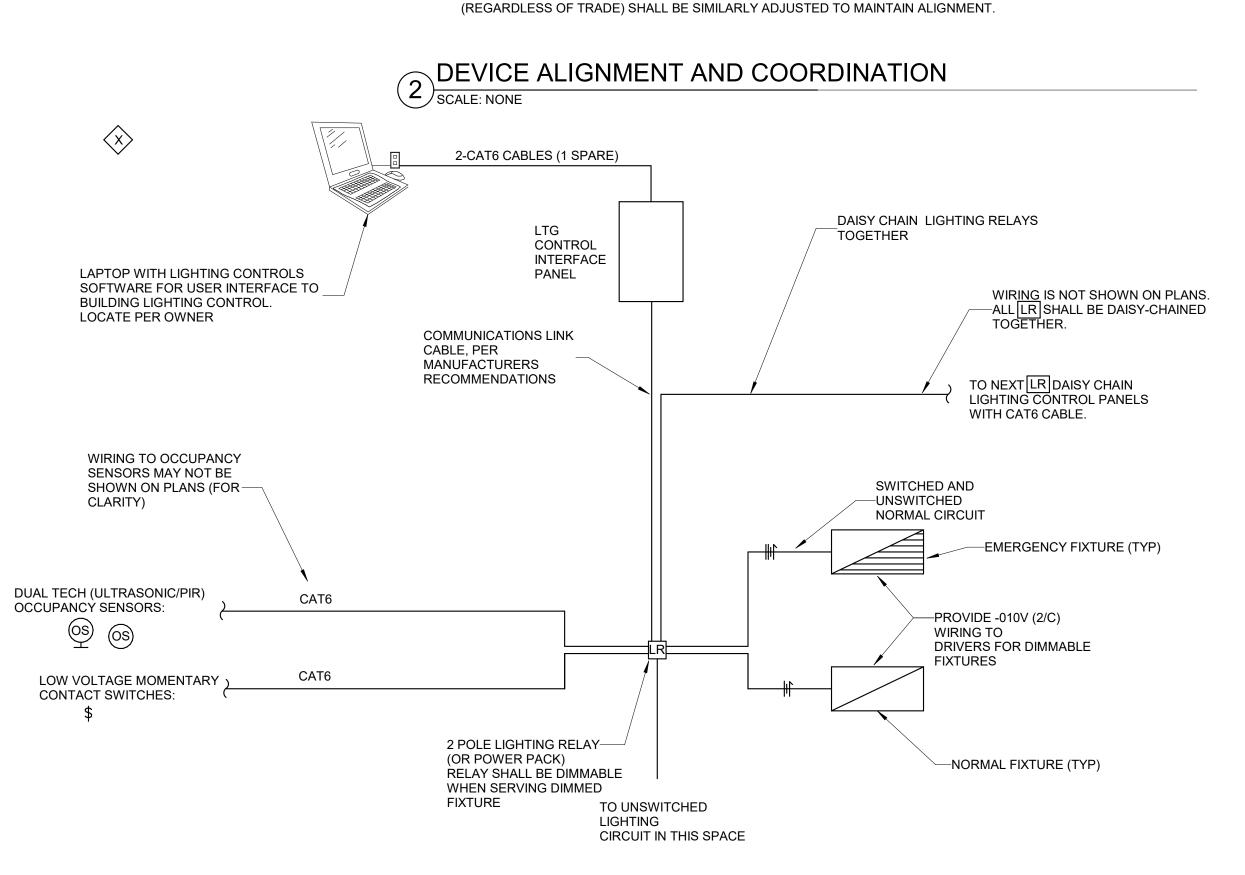
#### TYPICAL WALL DEVICE MOUNTING DETAIL SCALE: NONE

- MOUNT SO THAT THE LENS IS WITHIN 6" OF FINISHED CEILING.
- ALIGNED ALONG THEIR RESPECTIVE CENTERLINES. MOUNTING HEIGHTS SHOWN ILLUSTRATE DESIGN INTENT AND ARE TO BE
- DEVICES CLOSER TO DOOR.

# NETWORKED LIGHTING CONTROL DIAGRAM SCALE: NONE



- A. THE INTENT OF THIS DETAIL IS TO ENSURE THAT DEVICES ARE INSTALLED IN A NEAT AND ORGANIZED MANNER AND THAT DEVICE LOCATIONS SHOULD BE COORDINATED AMONGST ALL TRADES PRIOR TO INSTALLATION. WHERE DEVICES ARE INSTALLED ADJACENT TO EACH OTHER. THERE SHOULD BE EVEN SPACING BETWEEN DEVICES AND AN ALIGNMENT OF DEVICE HEIGHT, AS REQUIRED FOR A NEAT APPEARANCE AND COMPLIANCE WITH CONSTRUCTION DOCUMENTS. IF DISCREPANCIES ARISE, NOTIFY THE ENGINEER PRIOR TO INSTALLATION
- B. ALL DEVICE HEIGHTS AND LOCATIONS TO MEET ADA REQUIREMENTS. WHERE ASPECTS OF CONSTRUCTION RESULT IN CONFLICTS OF DEVICE HEIGHTS AND ADA REQUIREMENTS, NOTIFY ENGINEER PRIOR TO
- C. WHERE A DEVICE IS ADJUSTED TO ALIGN WITH THE EDGE OF CMU BLOCK, ALL ADJACENT DEVICES





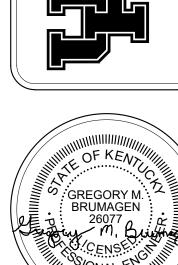
501 EAST HIGH STREET

LEXINGTON, KENTUCKY 40502

859.402.8008

502.893.1876 fax

Versi



MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY **ELECTRICAL DETAILS** 

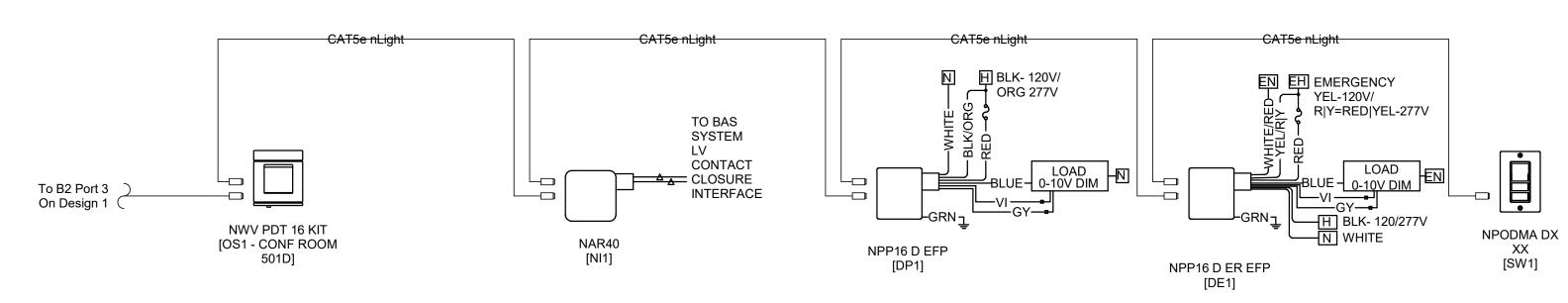
ADDENDUM 03 8.9.2023

07 JULY 2023

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MDS FIFTH FLOOR F UNIVERSITY OF K

B2 PORT 1 SKILLS LAB 507
SCALE: NONE



B2 PORT 3 CONFERENCE ROOM 501D

SCALE: NONE

B. CLASSROOM 529

When occupant enters space, lights shall remain off until manually turned ON via wall switch. Occupancy sensor shall maintain lights ON while space is occupied, and automatically turn them OFF after 10 minutes of all occupants vacating space. Astronomical time clock shall turn lights on at 8:00 AM and turn them off at 6:00 PM. During schedule off hours, override switch shall turn lights on for a maximum of 2 hours and provide a blink warning 5 minutes prior to automatic shutoff. Lights to be manually controlled by dimming wall switch controls. The space shall also require that lighting system can interface with BAS and output contacts for the lighting system.

D. CONF ROOM 501D

When occupant enters space, lights shall remain off until manually turned ON via wall switch. Occupancy sensor shall maintain lights ON while space is occupied, and automatically turn them OFF after 10 minutes of all occupants vacating space. Astronomical time clock shall turn lights on at 8:00 AM and turn them off at 6:00 PM. During schedule off hours, override switch shall turn lights on for a maximum of 2 hours and provide a blink warning 5 minutes prior to automatic shutoff. Lights to be manually controlled by dimming wall switch controls. The space shall also require that lighting system can interface with BAS and output contacts for the lighting system.

H. CORRIDOR 500D

When occupant enters space, lights shall remain off until manually turned ON via wall switch. Occupancy sensor shall maintain lights ON while space is occupied, and automatically turn them OFF after 10 minutes of all occupants vacating space. Lights to be manually controlled by dimming wall switch controls.

S. RESTROOM 515

When occupant enters space, lights shall remain off until manually turned ON via wall switch. Occupancy sensor shall maintain lights ON while space is occupied, and automatically turn them OFF after 10 minutes of all occupants vacating space. Astronomical time clock shall turn lights on at 8:00 AM and turn them off at 6:00 PM. During schedule off hours, override switch shall turn lights on for a maximum of 2 hours and provide a blink warning 5 minutes prior to automatic shutoff. Lights to be manually controlled by dimming wall switch controls. The space shall also require that lighting system can interface with BAS and output contacts for the lighting system.

T. SKILLS LAB 507

When occupant enters space, lights shall remain off until manually turned ON via wall switch. Occupancy sensor shall maintain lights ON while space is occupied, and automatically turn them OFF after 10 minutes of all occupants vacating space. Astronomical time clock shall turn lights on at 8:00 AM and turn them off at 6:00 PM. During schedule off hours, override switch shall turn lights on for a maximum of 2 hours and provide a blink warning 5 minutes prior to automatic shutoff. Lights to be manually controlled by dimming wall switch controls. The space shall also require that lighting system can interface with BAS and output contacts for the lighting system.

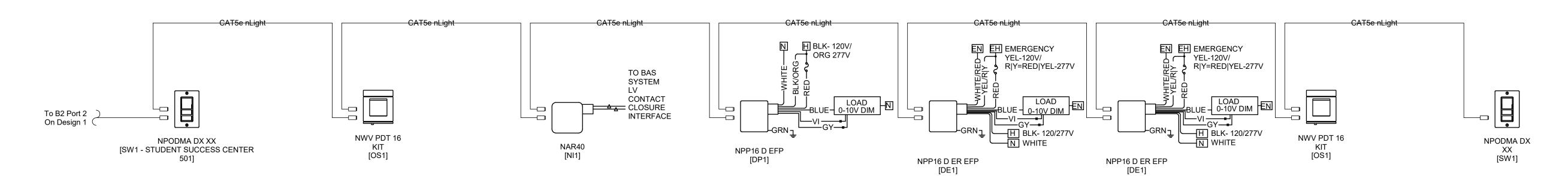
U. STUDENT SUCCESS CENTER 501

When occupant enters space, lights shall remain off until manually turned ON via wall switch. Occupancy sensor shall maintain lights ON while space is occupied, and automatically turn them OFF after 10 minutes of all occupants vacating space. Astronomical time clock shall turn lights on at 8:00 AM and turn them off at 6:00 PM. During schedule off hours, override switch shall turn lights on for a maximum of 2 hours and provide a blink warning 5 minutes prior to automatic shutoff. Lights to be manually controlled by dimming wall switch controls. The space shall also require that lighting system can interface with BAS and output contacts for the lighting system.

# 2 LIGHTING CONTROL SEQUENCE SCALE: NONE

		OCC	UPANC	Y SENS	SOR	TIN	IE CLOCK			WAL	L SWIT	CH		DAYLIC	SHT SE	NSOR		OTHER		╌
SO	0	VACANCY MODE (MANUAL ON)	OCCUPANCY MODE (AUTO ON)	SENSOR TIME OUT PERIOD (MINUTES)	DUAL TECHNOLOGY	SCHEDULE ON TIME	SCHEDULE OFF TIME	SCHEDULE OVERRIDE SWITCH	MANUAL (ON/OFF)	MANUAL DIMMING	KEY SWITCH	SCENE CONTROL	GRAPHIC TOUCHSCREEN	SWITCHING (ON/OFF)	DIMMING	TARGET LIGHTING LEVELS (FC)	EXTERIOR LOCATION	PLUG LOAD CONTROL	NETWORKED	SHOW
В	CLASSROOM 529	Х		10	Х	8:00 AM	6:00 PM	Х		Х									Х	Г
D	CONF ROOM 501D	Х		10	Х	8:00 AM	6:00 PM	Х		Х									х	Г
Н	CORRIDOR 500D	Х		10	х					Х										Г
s	RESTROOM 515	Х		10	х	8:00 AM	6:00 PM	х		х									Х	
Т	SKILLS LAB 507	Х		10	Х	8:00 AM	6:00 PM	Х		Х									Х	Г
U	STUDENT SUCCESS CENTER 501	х		10	х	8:00 AM	6:00 PM	х		х									Х	П

LIGHTING CONTROL SCHEDULE



B2 PORT 2 STUDENT SUCCESS CENTER 501
SCALE: NONE

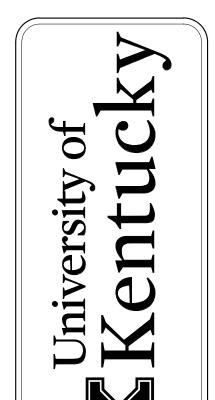
STENGEL HILL ARCHITECTURE

501 EAST HIGH STREET

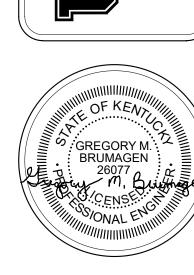
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OCUMENT



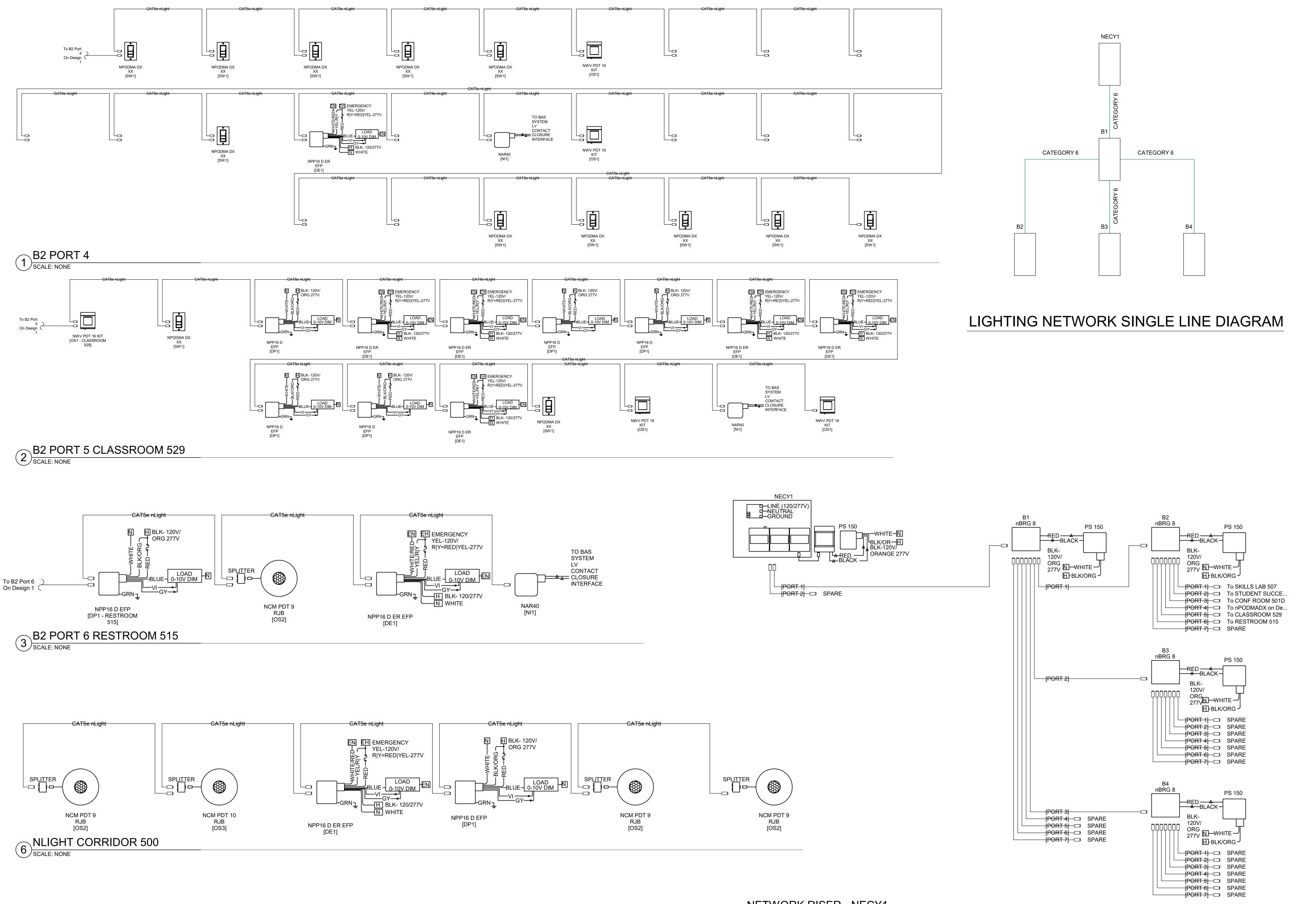
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY LIGHTING CONTROL DIAGRAMS

ADDENDUM 03 8.9.2023

07 JULY 2023

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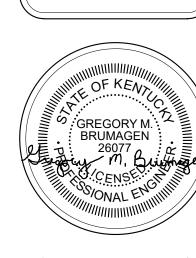
MDS FIFTH FLOOR RENOVATION UNIVERSITY OF KENTUCKY





University of Kentuc

OCUMENT



LIGHTING CONTROL DIAGRAMS
MDS FIFTH FLOOR RENOVATION
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

DATE OF THE PRODUCT O

5 NETWORK RISER - NECY1
SCALE: NONE