BOSWORTH HALL
CLASSROOM 109 RENOVATION PROJECT
UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

DESIGN AND CONSTRUCTION ADMINISTRATION PROVIDED BY:
UK PLANNING DESIGN AND CONSTRUCTION GROUP
211 PETERSON SERVICE BUILDING
LEXINGTON, KY 40506

PROJECT DESCRIPTION

THIS PROJECT CONVERTS BOSWORTH HALL ROOM 109, A FORMER LIBRARY, INTO CLASSROOM SPACE. RENOVATIONS INCLUDE REMOVAL AND INFILL OF BOOKCASES, NEW LIGHTING, NEW CEILING, NEW WINDOW TREATMENTS, PAINTING, AND UPDATED FIRE ALARM AND AV SYSTEMS.

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UNIVERSITY OF KENTUCKY
Physical Plant Division
03/2019
807002259782
GENERAL NOTES

A. CONTRACTOR SHALL SECURE SERVICES OF A CERTIFIED SPRINKLER CONTRACTOR WHO WILL INSTALL NEW OR MODIFY EXISTING SPRINKLER PIPING AND HEADS. VENDOR SHALL SUPPLY CERTIFICATION THAT ALL MODIFICATIONS MEET ALL APPLICABLE CODES.

B. ALL FINISHES DISTURBED OR DAMAGED DURING CONSTRUCTION, THAT ARE NOT IN THE SCOPE, SHALL BE PATCH AND FINISHED TO MATCH THE ADJACENT FINISH.

C. ALL MATERIAL IDENTIFIED AS HAZARDOUS WILL BE ABATED BY THE UNIVERSITY OF KENTUCKY PRIOR TO THE CONTRACTOR'S ARRIVAL ON SITE. HOWEVER, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REFURISH ALL ABATED MATERIAL TO MATCH THE ADJACENT FINISH. IF THE CONTRACTOR SUSPECTS ANY ADDITIONAL MATERIAL TO BE ENVIRONMENTALLY HAZARDOUS, STOP WORK IMMEDIATELY AND CONTACT OWNERS REPRESENTATIVE.

D. ALL DIMENSIONS FOR EXISTING STRUCTURE ARE FROM FACE OF WALL FINISH TO FACE OF WALL FINISH. ALL NEW CONSTRUCTION DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING OR EXISTING FINISH, UNLESS NOTED OTHERWISE. VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION/CONSTRUCTION.

E. COORDINATE ALL ROUGH OPENINGS WITH MANUFACTURER PRIOR TO DEMOLITION AND CONSTRUCTION.

F. REFER TO SHEET A-XXX FOR DIMENSION AND DETAILED INFORMATION AND AD-XXX FOR DEMOLITION INFORMATION.

G. REFER TO SHEET A-02 FOR DOOR AND FINISH SCHEDULES AND SHEET A-001 FOR GENERAL NOTES.

H. ALL CRACKS, GAPS, HOLES, PENETRATIONS, ETC. IN FIRE RATED ASSEMBLIES MUST BE SEALED WITH FIRE RATED CAULKING AND HAVE FIRE RATED SLEEVES, DAMPERS, DISCONNECTS, ETC. FOR ALL UTILITY WALL PENETRATIONS IN ORDER TO MAINTAIN THE FIRE RATING OF THE ASSEMBLY. ALL DAMAGE TO EXISTING RATED ASSEMBLIES WILL BE RESTORED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

I. REFER TO SHEET A-001 FOR LEGEND AND ABBREVIATION INFORMATION.

J. FABRIC CURTAINS TO REMAIN.

1. REMOVE CEILING CHANDELIERS AND TURN OVER TO THE UNIVERSITY.

2. WALL LIGHT FIXTURES TO BE REMOVED AND TURNED OVER TO THE UNIVERSITY.

3. REMOVE AND DISPOSE OF EXISTING CEILING MOUNTED LIGHT FIXTURES.

4. REMOVE EXISTING PLASTER CEILING WITH GLUED-ON 12"x12" ACOUSTICAL TILES TO EXTENTS SHOWN DASHED.

5. REMOVE EXISTING BOOKSHELVES AND ASSOCIATED TRIM.

6. REMOVE EXISTING CARPET. EXISTING WOOD BASE TO REMAIN.

7. REMOVE EXISTING WINDOW BLINDS AND ASSOCIATED HARDWARE.

KEY PLAN

AREA OF WORK
1. GENERAL NOTES. FOR WHICHEVER SHEET THEY RESIDE, APPLY TO ALL WHERE DOCUMENTS, UNLESS OTHERWISE INDICATED IN THE KEY NOTES. KEY NOTES APPLY ONLY TO THE SHEET FOR WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED.

2. PRIOR TO BIDDING, THE CONTRACTOR(S) SHALL REVIEW THE ENTIRE CONSTRUCTION DOCUMENTS AND CLEARLY UNDERSTAND THE FIELD CONDITIONS. THE CONTRACTOR(S) MAY, AT THEIR OWN EXPENSE, TESTING EQUIPMENT, MATERIALS, SERVICES OR EQUIPMENT, TO CONFIRM THE ASSUMED CONDITIONS. FAILURE TO COMPLY WITH THIS REQUIREMENT WILL RESULT IN THE LOSS OF THE SECURITY DEPOSIT FOR THE CONTRACT. THE SECURITY DEPOSIT IS EXCLUSIVE OF THE CONTRACTORS SECURITY DEPOSIT FOR THE PROJECT FOR WHICH THE UNIVERSITY OF KENTUCKY WILL NOT BE RESPONSIBLE.

3. IF THIS PROJECT IS FOR THE RENOVATION OF A SPACE OR MULTIPLE SPACES, THEN THE WORK TO BE COMPLETED BY THE CONTRACTOR MAY INCLUDE EXISTING SPACE, FLOOR SPACES, WALLS AND CEILINGS, FIXTURES, LIGHTING, ETC. IF A PROJECT IS CONSIDERED A PARTIAL, AREA, WALL, OR ROOMS/WALLS, THEN ALL ITEMS ON THE SHEET MUST BE AFFECTED AND ALL ITEMS ON THE SHEET MUST BE AFFECTED.

4. CONTENTS OF THIS SHEET INCLUDE, BUT ARE NOT LIMITED TO, EXISTING DOORS, WINDOWS, WALLS, CEILINGS, FLOORING, Fixtures, LIGHTING, ETC. IF A PROJECT IS CONSIDERED A PARTIAL, AREA, WALL, OR ROOMS/WALLS, THEN ALL ITEMS ON THE SHEET MUST BE AFFECTED.

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6. THE CONTRACTOR SHALL NOTIFY THE OWNERS REPRESENTATIVE OF ALL CONDITIONS, LIMITATIONS, OR REQUIREMENTS. THE CONTRACT DOCUMENTS PRIOR TO COMMENCING WORK. ALL CONDITIONS, LIMITATIONS, OR REQUIREMENTS THAT ARE INCONSISTENT WITH THE CONTRACT DOCUMENTS MUST BE RECORDED. THE CONTRACTOR MUST REMAIN UNDER CONTRACT DOCUMENTS. THE CONTRACTOR MUST REMAIN UNDER CONTRACT DOCUMENTS. THE CONTRACTOR MUST REMAIN UNDER CONTRACT DOCUMENTS. THE CONTRACTOR MUST REMAIN UNDER CONTRACT DOCUMENTS.
### Door and Frame Schedule

<table>
<thead>
<tr>
<th>Door No.</th>
<th>Door</th>
<th>Size</th>
<th>Type</th>
<th>Matl.</th>
<th>Glazing</th>
<th>Details</th>
<th>Fire Rating</th>
<th>How.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>109</td>
<td></td>
<td>10'-1&quot; A.F.F.</td>
<td></td>
<td></td>
<td>1.2, 3, 4</td>
<td></td>
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</tbody>
</table>

#### Notes:
- Egress doors shall meet A.D.A. accessible requirements.
- All new fire rated doors will also require rated door frames with same rating as door and, if applicable, must have wire mesh fire rated glazing.
- All existing doors, to remain in place or relocated (in this space) will be patched, sanded, prepared and refinished to match the existing building.

### Hardware Sets

**P80F** - Door #109F

10A LOCKSET LEVER 1000-1 FO4 X 630

#### Hardware Notes:
- All hardware above are ANSI Grade 1 and all exit devices will be based on Von Duprin or Equal, and all closers will be based on LCN or Equal.
- The cores for this project are removable cores that will be provided and installed by the University of Kentucky Key Shop. It is the contractors responsibility to provide lock sets with the correct cylinders. To receive university specified removable cores, university cores vary from building to building and it is the contractors responsibility to coordinate with the University Key Shop prior to ordering lock sets. Shop drawings will be rejected immediately if coordination with the UK Key Shop is not on the submittal. Format and keying will also be determined by the University of Kentucky Key Shop prior to ordering the hardware for this project.
- This design is based on mortised latches with levers handles and independent lock sets, typically or unless noted otherwise. All hardware should match this or be an approved equal.

See General Notes on Sheet A-001 for UK standards and additional keying information.

### Room Finish Schedule

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Base</th>
<th>Floor</th>
<th>Walls</th>
<th>Ceiling</th>
<th>Hgt. Clg.</th>
<th>Remarks</th>
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<tr>
<td>CLASSROOM</td>
<td></td>
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#### Notes:
- Repair all floor, wall, and ceiling, damaged due to hazardous materials situation and as required for installation of new finish application.
- Level existing sub-floor and clean surface prior to installing new flooring.
- Prepare all wall prior to applying paint.
- New ceiling to be installed with an electronic level at the height indicated above. If equipment does not allow for the ceiling to be installed at this height, notify the University of Kentucky Construction Manager.

- Patch all holes associated with the removal of any pipes, fixtures, partitions, etc. and sand smooth for new finishes.
- Refer to finishes below for colors and materials.
- Sand, scrape, prepare and paint all previously painted pipes, radiators, steel covers, brackets, etc. to match new finish colors.
- The contractor must remove existing ceiling carefully and give to the building operator. Do not discard tile.

**Ceiling Tile:**
- Armstrong: 5/8" X 24" X 24" fine fissured, beveled tegular
- USG: 5/8" X 24" X 24" radar, beveled tegular
- Color: white

**Flooring:**
- Gerflor Creation - LVT, 18" X 36" plank
- USG: 5/8" X 24" X 24" radar, beveled tegular
- Install Method: Brick

**Wall Base:**
- Armstrong, USG, or equal
- Color: TBD

**Wall Trim:**
- Armstrong, USG, or equal
- Color: TBD

**Wall Paint:**
- Sherwin Williams
- Color: TBD

**Ceiling Grid:**
- Armstrong, USG, or equal
- Color: white

**Ceiling Paint:**
- Armstrong, USG, or equal
- Color: white

**Note:**
Field verify pipe and duct locations to determine conflicts with the designed ceiling heights.
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.
B. SEE SHEET M-001 FOR MECHANICAL GENERAL NOTES AND LEGEND.

SHEET NOTES
1. INFILL BOOK SHELF POCKETS WITH 3/8" METAL STUDS, 5/8" GYPSUM BOARD AND 3" BATT INSULATION. MATCH FLUSH WITH ADJACENT SURFACES WITH A LEVEL 4 FINISH, PRIME AND PAINT (TWO COATS).
2. PAINT WALLS AS REQUIRED SO NO VISUAL DISCREPANCIES EXIST BETWEEN EXISTING WALLS AND BOOKSHELF INFILLS.
3. INSTALL MICROSHELDES AT EXTERIOR WINDOWS.
4. INSTALL 16"X4" PORCELAIN/STEEL DRY ERASE BOARD WITH ALUMINUM FRAME. CONTINUOUS ERASER TRAY MOUNTED BELOW AND CONTINUOUS CORN STRIP ABOVE. "U.S. MARKER BOARD" OR EQUAL AT FRONT OF ROOM.
5. REMOVE EXISTING FAN COIL UNIT PANELS, PREP AND PAINT TO MATCH NEW WALL COLOR. SEE A-002 FOR FINISH SCHEDULE.
6. CLEAN FAN COIL UNIT COILS.
7. INSTALL NEW AV PACKAGE. SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
8. INSTALL NEW HARDWARE ON EXTERIOR OF DOOR.
9. INTERIOR WINDOWS TO RECEIVE "FROSTING" TREATMENTS WITH 2" COVER AROUND EDGES.
10. INSTALL NEW 18"x36" LVT FLOORING. SEE A-002 FOR FINISH SCHEDULE.

KEY PLAN
AREA OF WORK
FIRST FLOOR
GENERAL NOTES

A. CONTRACTOR SHALL SECURE SERVICES OF A CERTIFIED SPINKLER CONTRACTOR WHO WILL INSTALL NEW OR MODIFY EXISTING SPINKLER PIPING AND HEADS. VENDOR SHALL SUPPLY CERTIFICATION THAT ALL MODIFICATIONS MEET ALL APPLICABLE CODES.

B. ALL FINISHES DISTURBED OR DAMAGED DURING CONSTRUCTION THAT ARE NOT IN THE SCOPE SHALL BE PATCH AND FINISHED TO MATCH THE ADJACENT FINISH. ALL MODIFICATIONS TO EXISTING FINISHES WERE TO BE REPAIRED AND REFURBISHED AT THE UNIVERSITY OF KENTUCKY PRIOR TO THE CONTRACTOR'S ARRIVAL ON SITE, HOWEVER, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REFURBISH ALL ABATEMENT DAMAGED FLOORS, WALLS, CEILINGS, ETC., TO THEIR ORIGINAL FINISHED STATE. IF THE CONTRACTOR SUSPECTS ANY ADDITIONAL MATERIAL TOBE ENVIRONMENTALLY HAZARDOUS, STOP WORK IMMEDIATELY AND CONTACT OWNERS REPRESENTATIVE.

C. ALL DIMENSIONS FOR EXISTING STRUCTURE ARE FROM FACE OF WALL FINISH TO FACE OF WALL FINISH. ALL NEW CONSTRUCTION DIMENSIONS ARE FROM FACE OF FRAMING TO FACE OF FRAMING OR EXISTING FINISH UNLESS NOTED OTHERWISE. VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION/CONSTRUCTION.

D. COORDINATE ALL ROUGH OPENINGS WITH MANUFACTURER PRIOR TO DEMOLITION AND CONSTRUCTION.

E. REFER TO SHEET A-401 FOR LEGEND AND ABBREVIATION INFORMATION.

F. REFER TO SHEET A-110 FOR DIMENSION AND DETAILED INFORMATION AND AD-110 FOR DEMOLITION INFORMATION.

G. REFER TO SHEET A-002 FOR DOOR AND FINISH SCHEDULES AND SHEET A-001 FOR GENERAL NOTES.

H. REFER TO SHEET A-002 FOR DOOR AND FINISH SCHEDULES AND SHEET A-001 FOR GENERAL NOTES.

I. REFER TO SHEET A-001 FOR GENERAL NOTES.

J. REFER TO SHEET A-001 FOR GENERAL NOTES.

K. REFER TO SHEET A-001 FOR GENERAL NOTES.

L. REFER TO SHEET A-001 FOR GENERAL NOTES.

M. REFER TO SHEET A-001 FOR GENERAL NOTES.

N. REFER TO SHEET A-001 FOR GENERAL NOTES.

O. REFER TO SHEET A-001 FOR GENERAL NOTES.

P. REFER TO SHEET A-001 FOR GENERAL NOTES.

Q. REFER TO SHEET A-001 FOR GENERAL NOTES.

R. REFER TO SHEET A-001 FOR GENERAL NOTES.

S. REFER TO SHEET A-001 FOR GENERAL NOTES.

T. REFER TO SHEET A-001 FOR GENERAL NOTES.

U. REFER TO SHEET A-001 FOR GENERAL NOTES.

V. REFER TO SHEET A-001 FOR GENERAL NOTES.

W. REFER TO SHEET A-001 FOR GENERAL NOTES.

X. REFER TO SHEET A-001 FOR GENERAL NOTES.

Y. REFER TO SHEET A-001 FOR GENERAL NOTES.

Z. REFER TO SHEET A-001 FOR GENERAL NOTES.

1. INSTALL NEW T-BAR CEILING WITH ACOUSTICAL TILES. SET PERIMETER EDGE AT FIRST REVEAL OF EXISTING CROWN MOLDING.

2. RELOCATE FIRE ALARM AUDIO VISUAL DEVICE.

3. INSTALL NEW LED 2x4 LAY-IN FIXTURES, (FRONT ROW TO BE SWITCHED SEPARATELY FROM OTHER SEGMENTS). SEE ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
1. REMOVE CHANDELIERS AND RETURN TO OWNER.
2. REMOVE WALL SCONCE FIXTURES OVER FIREPLACE.
3. REMOVE CEILING MTD. FLUORESCENT LIGHT FIXTURES.
4. REMOVE RECEPTACLES WHERE BOOKCASES & TRIM ARE TO BE REMOVED. RELOCATE RECEPTACLES AS REQ'D.
5. RELOCATE SMOKE DETECTORS TO NEW SUSPENDED CEILING.
6. REMOVE EXPOSED CONDUIT AND JUNCTION BOX.
7. REMOVE PROJECTOR SCREEN AND SPEAKERS AT FRONT OF ROOM.
GENERAL NOTES

A. GENERAL CONTRACTOR SHALL COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR.

B. CONTRACTOR SHALL INVESTIGATE PROJECT CONDITIONS THOROUGHLY PRIOR TO BID, QUOTE, OR CONSTRUCTION AND NOTIFY PROJECT MANAGER OF ANY DISCREPANCIES BETWEEN THE PROJECT DOCUMENTS AND EXISTING CONDITIONS.

C. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ELECTRICAL INSPECTIONS. INSPECTION REPORTS AND CERTIFICATES SHALL BE PROVIDED TO U.K. CONSTRUCTION MANAGER.

D. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROVIDE A COPY OF ROC/FIRE ALARM CERTIFICATE TO U.K. PROJECT MANAGER UPON COMPLETION OF PROJECT.

E. FIRESTOP ALL WALL & FLOOR PENETRATIONS WITH FIRE CAULK ON BOTH SIDES. SUBMIT CUT SHEET FOR FIRE RESISTANT ASSEMBLY.

F. PROVIDE ALL NECESSARY STRUCTURAL SUPPORT, BRACING, ETC. FOR NEW CONDUIT, BOXES, LIGHT FIXTURES, ETC. AS REQD. BY ALL APPLICABLE CODES.

G. CONTRACTOR TO REMOVE ANY UNUSED CONDUIT, WALL BOXES, ETC.

H. PATCH, PAINT, OR OTHERWISE RESTORE ANY FINISHES AFFECTED BY DEMOLITION OR RELOCATION OF ELECTRICAL DEVICES, FIXTURES, ETC.

LEGEND

- DOWN LIGHT Fixture

- LIGHT Fixture

- SWITCH

- DIMMER SWITCH

- QUAD RECEPTACLE

- DUPLEX RECEPTACLE

- COMM./DATA

- EMERGENCY LIGHT

- EXIT SIGN

- FIRE ALARM SIGNAL - STROBE & HORN

- FIRE ALARM SIGNAL - CEILING MTD.

- PANELBOARD

- DISCONNECT SWITCH

- WIRELESS ROUTER

- CAMERA

- ELECTRIFIED LOCKSET

- DOOR/WINDOW SWITCH

- PANIC BUTTON

- GLASS BREAK DETECTOR

- PIR 360° MOTION SENSOR

- KEYPAD

- INTRUSION DETECTION SYSTEM
1. Install new lay-in LED light fixtures where indicated, Lithonia 2RTL 30L MVOLT EZ1 LP840 N100, or equal LED fixture with volumetric optics, 3191 lumens, multi-volt, 0-10 volt dimming, 4000 K color temperature. Connect to exist. lighting circuits as req'd. Install dimmer switches & occupancy sensors as indicated, and switch fixtures in zones.

2. Relocate receptacles to baseboard where bookcases were removed.

3. Provide A/V path from podium to projector, speakers, etc. Use surface mtd. raceway along baseboard and up wall to ceiling. See interconnection diagram on sheet E-400.


5. Install ceiling mtd. receptacle on projector mount in single-gang knockout. Connect to exist. circuit as req'd. Use single-gang knockout & S.S. cover plate. Provide 6 ft. whip to allow for relocation.

6. Run power & control wiring to electric projection screen as req'd.

7. Lay-in speakers, projector, lecture capture camera, and cabling will be installed by A/V contractor.

8. Relocate smoke detectors to new suspended ceiling.

9. Relocate strobe fire alarms to new suspended ceiling.

GENERAL NOTES
A. See sheet A-001 for Architectural General Notes and Legend.
B. See sheet E-001 for Electrical General Notes and Legend.

SHEET NOTES
A. See sheet A-001 for Architectural General Notes and Legend.
B. See sheet E-001 for Electrical General Notes and Legend.

ELECTRICAL PLANS

KEY PLAN

AREA OF WORK

FIRST FLOOR
AV SYSTEM NOTES

1. GENERAL CONTRACTOR TO INSTALL PROJECTOR MOUNT PROVIDED BY AV CONTRACTOR. ANCHOR MOUNT TO CEILING DECK WITH WIRES PER CODE.
2. MOUNTS & BRACKETS TO BE INSTALLED IN STANDARDS COMMERCIAL RACKS OR RAILS.
AGRICULTURAL SCIENCE BUILDING NORTH
CLASSROOM A5 RENOVATION PROJECT

UNIVERSITY OF KENTUCKY
LEXINGTON, KENTUCKY

DESIGN AND CONSTRUCTION ADMINISTRATION PROVIDED BY:
UK PLANNING DESIGN AND CONSTRUCTION GROUP
211 PETERSON SERVICE BUILDING
LEXINGTON, KY 40506

THIS PROJECT IS A FULL RENOVATION OF CLASSROOM A5.
IMPROVEMENTS INCLUDE NEW ACOUSTIC TILE CEILING, LED
LIGHTING, NEW FLOORING, NEW PAINT AND HVAC IMPROVEMENTS.

PROJECT DESCRIPTION

DRAWING INDEX
T-100 TITLE SHEET AND DRAWING INDEX SHEET
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A-101 ARCHITECTURAL REFLECTED CEILING DEMOLITION PLAN
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LEGEND
A-002 ARCHITECTURAL FLOOR PLAN
A-011 ARCHITECTURAL REFLECTED CEILING PLAN
AD-100 MECHANICAL DEMOLITION PLANS
AD-101 MECHANICAL GENERAL NOTES AND SCHEDULES LEGEND
AD-102 MECHANICAL FLOOR PLANS
AD-400 MECHANICAL SCHEDULES AND DETAILS
ED-100 ELECTRICAL DEMOLITION PLAN
E-001 ELECTRICAL GENERAL NOTES AND SCHEDULES LEGEND
E-100 ELECTRICAL FLOOR PLANS
E-400 AV INTERACTIVITY INTERCONNECTION DETAILS

DRAWING NUMBER:
APPROVED BY:
PROJECT NO.:
DATE:
DRAWN BY:
CHECKED BY:
DESIGNED BY:

DwG-100 CIVIL DISTANCE PLANS
DwG-101 CIVIL GENERAL NOTES, ABBREVIATIONS, AND
LEGEND
DwG-102 CIVIL FLOOR PLAN
DwG-400 CIVIL SCHEDULES AND DETAILS

DRAWING INDEX

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VICINITY MAP

AGRICULTURAL SCIENCE BUILDING NORTH
GENERAL NOTES

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B. ALL FINISHES DISTURBED OR DAMAGED DURING CONSTRUCTION, THAT ARE NOT IN THE SCOPE, SHALL BE PATCHED AND FINISHED TO MATCH THE ADJACENT FINISH.

C. ALL MATERIAL IDENTIFIED AS HAZARDOUS WILL BE ABATED BY THE UNIVERSITY OF KENTUCKY PRIOR TO THE CONTRACTOR'S ARRIVAL ON SITE. HOWEVER, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR AND REFRESH ALL ABATEMENT DAMAGED FLOORS, WALL, CEILINGS, ETC., TO THEIR ORIGINAL FINISHED STATE. IF THE CONTRACTOR SUSPECTS ANY ADDITIONAL MATERIAL TO BE HAZARDOUS, STOP WORK IMMEDIATELY AND CONTACT OWNERS REPRESENTATIVE.

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E. COORDINATE ALL ROUGH OPENINGS WITH MANUFACTURER PRIOR TO DEMOLITION AND CONSTRUCTION.

F. REFER TO SHEET AD-XXX FOR DEMOLITION INFORMATION.

G. REFER TO SHEET A-002 FOR DOOR AND FINISH SCHEDULES AND GENERAL NOTES.

H. REMOVE EXISTING CARPET.

I. REMOVE EXISTING CHALKBOARD.

J. REMOVE EXISTING MARKER BOARD AND CABINET.

K. REMOVE EXISTING AV EQUIPMENT AND TURN OVER TO USER.

L. EXISTING PENCIL SHARPENER TO REMAIN.

M. REMOVE PHONE PANEL FROM WALL AND PROVIDE BLANK COVER PLATE.

N. ALL CRACKS, GAPS, HOLES, PENETRATIONS, ETC. IN FIRE RATED ASSEMBLIES MUST BE SEALED WITH FIRE RATED CAULKING AND HAVE FIRE RATED SLEEVES, DAMPERS, DISCONNECTS, ETC. FOR ALL UTILITY WALL PENETRATIONS IN ORDER TO maintain the fire rating of the assembly. ALL DAMAGE TO EXISTING FIRE RATED ASSEMBLIES WILL BE RESTORED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

O. NEW FIRE RATED ASSEMBLIES SHALL MEET THE CFR 15074 AND CERTIFIED CATEGORY II SAFETY GLASS IN ACCORDANCE WITH THE 2013 KBC SECTION FINISHES.

P. PATCH ALL HOLES ASSOCIATED WITH THE REMOVAL OF ALL PIPES, FIXTURES, PARTITIONS, ETC. AND SAND SMOOTH FOR NEW FINISHES.

Q. REFER TO SHEET A-001 FOR LEGEND AND ABBREVIATION INFORMATION.

KEY PLAN

AREA OF WORK

GROUND FLOOR

DRAWING NUMBER:
APPROVED BY:
PROJECT NO.:
DATE:
DRAWN BY:
CHECKED BY:
DESIGNED BY:
REVISIONS:
BUILDING NUMBER:
UNIVERSITY OF KENTUCKY
Physical Plant Division
CLASSROOM A5 RENOVATION PROJECT
AGRICULTURAL SCIENCE BUILDING NORTH

DEMOlITION PLAN

AD-100 SCALE: 3/8" = 1'-0"
1. Remove and dispose of existing T-bar ceiling grid and tiles. Note: Existing T-bar grid spans wall between A6 and A5. T-bar grid on A6 side must be secured and new edge track installed.

2. Remove and dispose of existing fluorescent and can lighting. See electrical drawings.

3. Remove and dispose of existing grills and diffusers.

4. Existing ceiling mounted exit sign to remain. See electrical drawings.

5. Relocate existing sprinkler heads to avoid conflict with new light fixtures. Center in 2'x2' ceiling panel. See electrical plan E-100.

Key Plan

- **AREA OF WORK**
- **GROUND FLOOR**

**GENERAL NOTES**

A. Contractor shall secure services of a certified sprinkler contractor who will install new or modify existing sprinkler piping and heads as necessary. Vendor shall supply certification that all modifications meet all applicable codes.

B. All finishes disturbed or damaged during construction, that are not in the scope, shall be patched and finished to match the adjacent finish.

C. All material identified as hazardous will be abated by the University of Kentucky prior to the contractor's arrival on site. However, it will be the responsibility of the contractor to repair and refinish all abatement damaged floors, walls, ceilings, etc. to their original finished state. If the contractor suspects any additional material to be hazardous, he must notify the owner/contractor immediately and contact owners representative.

D. All dimensions for existing structure are from face of wall finish to face of wall finish. All new construction dimensions are from face of framing to face of framing or existing finish, unless noted otherwise. Verify all dimensions prior to demolition/construction.

E. Coordinate all rough openings with manufacturer prior to demolition and construction.

F. Refer to Sheet AD-300 for demolition information.

G. Refer to Sheet A-002 for door and finish schedules and general notes.

H. All cracks, gaps, holes, penetrations, etc. in fire rated assemblies must be sealed with fire rated caulking and have fire rated sleeves, dampers, disconnects, etc. For all utility wall penetrations in order to maintain the fire rating of the assembly. All damage to existing rated assemblies will be restored by the contractor at the contractors expense.

I. All existing sprinkler heads shall meet the CFR-1 and certified category II safety glass in accordance with the 2013 KBC section 4.6.1.1.

J. Patch all holes associated with the removal of all pipes, fixtures, partitions, etc. and sand smooth for new finishes.

K. Refer to Sheet A-001 for legend and abbreviation information.

**SHEET NOTES**

1. Reflective ceiling demolition plan

**SCALE:** 3/8" = 1'-0"
### Door and Frame Schedule

<table>
<thead>
<tr>
<th>Door No.</th>
<th>Door Size</th>
<th>Type</th>
<th>Glazing</th>
<th>Frame Type</th>
<th>Details</th>
<th>Fire Rating</th>
<th>#</th>
<th>Remarks</th>
</tr>
</thead>
</table>

**NOTES:**
- EGRESS DOORS SHALL MEET A.D.A. ACCESSIBLE REQUIREMENTS.
- ALL NEW FIRE RATED DOORS WILL ALSO REQUIRE RATED DOOR FRAMES WITH SAME RATING AS DOOR AND, IF APPLICABLE, MUST HAVE WIRE MESH FIRE RATED GLAZING.
- ALL EXISTING DOORS, TO REMAIN IN PLACE OR RELOCATED (IN THIS SPACE) WILL BE PATCHED, Sanded, PREPARED AND REFINISHED TO MATCH THE EXISTING BUILDING.

### Room Finish Schedule

<table>
<thead>
<tr>
<th>Room Name</th>
<th>Base</th>
<th>Floor</th>
<th>Walls</th>
<th>Ceiling</th>
<th>Hgt. Clg.</th>
<th>Remarks</th>
</tr>
</thead>
</table>

**NOTES:**
- REPAIR ALL FLOOR, WALL, AND CEILING, DAMAGED DUE TO HAZARDOUS MATERIAL MITIGATION AND AS REQUIRED FOR INSTALLATION OF NEW FINISH APPLICATION.
- LEVEL EXISTING SUB-FLOOR AND CLEAN SURFACE PRIOR TO INSTALLING NEW FLOORING.
- PREPARE ALL WALL PRIOR TO APPLYING PAINT.
- NEW CEILING TO BE INSTALLED WITH AN ELECTRONIC LEVEL AT THE HEIGHT INDICATED ABOVE. IF EQUIPMENT DOES NOT ALLOW FOR THE CEILING TO BE INSTALLED AT THIS HEIGHT, NOTIFY THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER.

- PATCH ALL HOLES ASSOCIATED WITH THE REMOVAL OF ANY PIPES, FIXTURES, PARTITIONS, ETC. AND SAND SMOOTH FOR NEW FINISHES.
- REFER TO FINISHES BELOW FOR COLORS AND MATERIALS.
- SAND, SCRABBLE, PREPARE AND PAINT ALL PREVIOUSLY PAINTED PIPES, RADIATORS, STEEL COVES, BRACKETS, ETC. TO MATCH NEW FINISH COLORS.
- THE CONTRACTOR MUST REMOVE EXISTING CEILING CAREFULLY AND GIVE TO THE BUILDING OPERATOR. DO NOT DISCARD TILE.

#### Ceiling Tile:
- Armstrong, USG, or equal
- Armstrong: 5/8" x 24" x 24" Fine Fissured Beveled Tegular
- USG: 5/8" x 24" x 24" Radar, Beveled Tegular
- Color: White

#### Ceiling Grid:
- Armstrong: Suprafine XL, 9/16" exposed T6
- USG: Centricitee Dxt, 9/16" exposed T6
- Color: White

#### Noted:
- Field verify pipe and duct locations to determine conflicts with the designed ceiling height.

---

**FINISHES:**

- VCT
- Armstrong: #TBD
- USG: #TBD
- MANNINGTON: #TBD
- MANNINGTON: #TBD
- SHERWIN WILLIAM: TBD
- SHERWIN WILLIAM: TBD
- SHERWIN WILLIAM: TBD
- SHERWIN WILLIAM: TBD
- MANNINGTON: #TBD
- MANNINGTON: #TBD
- ROPPE: #100
- SHERWIN WILLIAM: TBD
- SHERWIN WILLIAM: TBD

---

**NOTES:**

1. REPAIR ALL FLOOR, WALL, AND CEILING, DAMAGED DUE TO HAZARDOUS MATERIAL MITIGATION AND AS REQUIRED FOR INSTALLATION OF NEW FINISH APPLICATION.
2. LEVEL EXISTING SUB-FLOOR AND CLEAN SURFACE PRIOR TO INSTALLING NEW FLOORING.
3. PREPARE ALL WALL PRIOR TO APPLYING PAINT.
4. NEW CEILING TO BE INSTALLED WITH AN ELECTRONIC LEVEL AT THE HEIGHT INDICATED ABOVE. IF EQUIPMENT DOES NOT ALLOW FOR THE CEILING TO BE INSTALLED AT THIS HEIGHT, NOTIFY THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER.

- PATCH ALL HOLES ASSOCIATED WITH THE REMOVAL OF ANY PIPES, FIXTURES, PARTITIONS, ETC. AND SAND SMOOTH FOR NEW FINISHES.
- REFER TO FINISHES BELOW FOR COLORS AND MATERIALS.
- NEW CEILING TO BE INSTALLED WITH AN ELECTRONIC LEVEL AT THE HEIGHT INDICATED ABOVE. IF EQUIPMENT DOES NOT ALLOW FOR THE CEILING TO BE INSTALLED AT THIS HEIGHT, NOTIFY THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER.

- THE CONTRACTOR MUST REMOVE EXISTING CEILING CAREFULLY AND GIVE TO THE BUILDING OPERATOR. DO NOT DISCARD TILE.
1. Patch and level floor as required to install new flooring.
2. Install new VCT flooring and vinyl cove base. See A-002 for finish schedule.
3. Patch and paint all wall surfaces (2 coats).
4. Install new 16’ x 4’ porcelain/steel dry erase board with aluminum frame. Continuous eraser tray mounted below and continuous cork tack strip above. "U.S. Marker board or equal, aluminum frame must be included within 16’ dimension, field verify before ordering board.
5. Install new AV package. See electrical drawings for additional information.
6. Install new wall mounted, motorized, projection screen. See electrical drawings for additional information.
7. Screen power and function switch to be located above table height. See electrical drawings for additional information.
8. Install new fire alarm audio visual device. See electrical drawings.

KEY PLAN

NOTE & DIMENSION PLAN

SCALE: 3/8" = 1'-0"
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.
B. SEE SHEET M-001 FOR MECHANICAL GENERAL NOTES AND LEGEND.

1. INSTALL NEW T-BAR CEILING GRID AND ACOUSTIC TILE CEILING. GRID TO BE ALIGNED WITH FRONT OF ROOM. SEE A-002 FOR ADDITIONAL INFORMATION.
2. INSTALL NEW LED LIGHTING. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
3. INSTALL NEW DIFFUSERS AND RETURN GRILLS. SEE MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4. INSTALL NEW CEILING SPEAKER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. NEW EXIT SIGN REQUIRED. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. NEW CEILING MOUNTED PROJECTOR TO BE CENTERED ON SCREEN. USE EXISTING AV WIREMOLD. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. INSTALL NEW WIFI ROUTER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.
B. SEE SHEET M-001 FOR MECHANICAL GENERAL NOTES AND LEGEND.
C. SEE SHEET E-001 FOR ELECTRICAL GENERAL NOTES AND LEGEND.

MECHANICAL DEMOLITION PLAN

KEY PLAN

SHEET NOTES
1. REMOVE SUPPLY DUCT BACK TO INDICATED LOCATION.
2. REMOVE RETURN DUCT BACK TO MAIN. PATCH AND SEAL AIR-TIGHT.

GROUND FLOOR

Agricultural Science Building North
Classroom A5 Renovation Project

DOOR HT
SILL HT
WIN HT

BUILDING NUMBER:

UNIVERSITY OF KENTUCKY
Physical Plant Division

DRAWING NUMBER:

APPROVED BY:

PROJECT NO.:

DATE:

DRAWN BY:

CHECKED BY:

DESIGNED BY:

CLASSROOM A5 RENOVATION PROJECT
AGRICULTURAL SCIENCE BUILDING NORTH

SCALE: 3/8" = 1'-0"
A. CONTRACTOR WILL FIELD-VERIFY ALL EXISTING CONDITIONS. ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND CONTRACT DOCUMENTS WILL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE ANY WORK RELATING TO THE EXISTING CONDITIONS IS PERFORMED.

B. PROVIDE AND INSTALL ALL EQUIPMENT AND ACCESSORIES AS INDICATED, IN ACCORDANCE WITH THE RESPECTIVE MANUFACTURER’S WRITTEN INSTALLATION INSTRUCTIONS, AT A LEVEL OF QUALITY AND WORKMANSHIP CONSISTENT WITH PROJECT PLAN AND SPECIFICATION REQUIREMENTS.

C. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL & TELECOMMUNICATIONS INSTALLATION REQUIRED FOR A FULLY FUNCTIONAL BUILDING CONTROL SYSTEM AS INDICATED ON PLANS.

D. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONING SYSTEM, AND SHALL CONFORM TO ALL REQUIREMENTS OF APPLICABLE FEDERAL, STATE, AND LOCAL CODES, INCLUDING BUT NOT LIMITED TO THE INTERNATIONAL BUILDING CODE AND INTERNATIONAL MECHANICAL CODE. CONTRACTOR IS RESPONSIBLE FOR MAKING ALL REQUIRED CONNECTIONS FOR A COMPLETE SYSTEM.

E. DEMOLITION MARKS ARE APPROXIMATE. CONTRACTOR TO FIELD-VERIFY ACTUAL CONDITIONS PRIOR TO BIDDING.

F. CONTRACTOR WILL PROVIDE ALL MISCELLANEOUS STEEL TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT. HANG ALL EQUIPMENT FROM STRUCTURE WITH MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SUPPORTS. DO NOT HANG ANYTHING FROM MECHANICAL OR ELECTRICAL ITEMS.

G. NO STEEL STRUCTURAL MEMBERS WILL BE CUT, BURNT, WELDED OR DRILLED WITHOUT SPECIFIC PERMISSION OF THE ENGINEER.

H. ALL EQUIPMENT, ACCESSORIES, PIPING, WIRING, DUCT AND OTHER WORK, WHICH IS INSTALLED IN FINISHED SPACES WILL BE CONCEALED IN WALLS, FLOORS, FURRED CHASES OR SUSPENDED CEILINGS, EXCEPT FOR INDICATED TERMINAL UNITS, CONTROLS, AIR INLETS AND OUTLETS, AS SHOWN.

I. ALL DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS FOR SHOP OR FIELD-FABRICATED DUCT AND NOMINAL SIZES FOR FACTORY-FABRICATED DUCT.

J. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

K. MANDATE ARCHITECTURAL, REFLECTED CEILING PLAN FOR PLACEMENT OF AIR TERMINALS. COORDINATE WITH MECHANICAL WORK AND WORK OF OTHER TRADES.

L. ALL NEW SUPPLY & RETURN DUCTWORK SHALL BE GALVANIZED STEEL, 26G, NO LIGHTER THAN 24-GAUGE. ALL WORK MUST COMPLY WITH SMCMA DUCT CONSTRUCTION STANDARDS.

M. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

N. ALL NEW SUPPLY & RETURN DUCTWORK SHALL BE GALVANIZED STEEL, 26G, NO LIGHTER THAN 24-GAUGE. ALL WORK MUST COMPLY WITH SMCMA DUCT CONSTRUCTION STANDARDS.

O. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

P. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

Q. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

R. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

S. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

T. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

U. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

V. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

W. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

X. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

Y. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

Z. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRIC CONTRACTOR.

AA. PROVIDE DISCONNECTS AND MAGNETIC STARTERS (OR RELAYS WITH OVERLOAD PROTECTION FOR SINGLE PHASE) FOR ALL EQUIPMENT SUPPLIED BY MECHANICAL CONTRACTOR WHICH IS SPECIFIED TO HAVE FACTORY CONTROL PANEL. POWER WIRING AND CONDUIT TO THESE DEVICES AND BETWEEN THESE DEVICES AND MECHANICAL EQUIPMENT, IF REQUIRED, WILL BE SUPPLIED BY ELECTRIC CONTRACTOR.
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.
B. SEE SHEET M-001 FOR MECHANICAL GENERAL NOTES AND LEGEND.

MECHANICAL NEW WORK PLAN

SCALE: 3/8" = 1'-0"
AIR DEVICE SCHEDULE

<table>
<thead>
<tr>
<th>MARK</th>
<th>AIRFLOW [CFM]</th>
<th>MAX AIR P.D. [IN W.G.]</th>
<th>MAX SIZE [IN]</th>
<th>MODULE SIZE</th>
<th>THROW (FT/50 FPM)</th>
<th>MAX NC</th>
<th>MOUNTING</th>
<th>MATERIAL</th>
<th>REMARKS</th>
<th>ACCESSORIES</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>365</td>
<td>0.05</td>
<td>12</td>
<td>24</td>
<td>24</td>
<td>10</td>
<td>LAY-IN</td>
<td>AL</td>
<td>1.3</td>
<td>-</td>
</tr>
<tr>
<td>B</td>
<td>540</td>
<td>0.05</td>
<td>24</td>
<td>24</td>
<td>-</td>
<td>-</td>
<td>LAY-IN</td>
<td>AL</td>
<td>2.3</td>
<td>-</td>
</tr>
</tbody>
</table>

**TYPE:**
1. FIXED 3 CONE DIFFUSER
2. EGGCRATE FACE RETURN GRILLE, 45°
3. FINISH: POWDERED-COATED, COLOR: WHITE

**ACCESSORIES:**
1. BASIS OF DESIGN: PRICE ASCD
2. BASIS OF DESIGN: PRICE 85 SERIES

**MARK**: M-400
**SCALE**: NONE

**REMARKS**: 45 DEG. CONICAL WYE, ROUND ROLLED 45 DEG. WITH 60 DEG. ELBOW, BRANCH 90 DEG. TO MAIN
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND
B. SEE SHEET E-001 FOR ELECTRICAL GENERAL NOTES AND LEGEND

SHEET NOTES
1. REMOVE SMOKE DETECTORS AND ASSOCIATED CONDUIT AND CABLEING, (TYPICAL)
2. REMOVE LIGHT FIXTURES, CONDUIT, WIRING, ETC. AS REQ'D FOR COMPLETE CEILING DEMOLITION, (TYPICAL)
3. REMOVE EXISTING CEILING MOUNTED EXIT SIGN

ELECTRICAL DEMOLITION PLAN
SCALE: 3/8" = 1'-0"
ED-100/SCALE: 3/8" =1'-0"

KEY PLAN
AREA OF WORK
GROUND FLOOR
ED-100
A. GENERAL CONTRACTOR SHALL COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR.

B. CONTRACTOR SHALL INVESTIGATE PROJECT CONDITIONS THOROUGHLY PRIOR TO BID, QUOTE, OR CONSTRUCTION AND NOTIFY PROJECT MANAGER OF ANY DISCREPANCIES BETWEEN THE PROJECT DOCUMENTS AND EXISTING CONDITIONS.

C. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ELECTRICAL INSPECTIONS. INSPECTION REPORTS AND CERTIFICATES SHALL BE PROVIDED TO U.K. CONSTRUCTION MANAGER.

D. FIRE ALARM CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROVIDE A COPY OF ROC/FIRE ALARM CERTIFICATE TO U.K. PROJECT MANAGER UPON COMPLETION OF PROJECT.

E. PROVIDE ALL NECESSARY ELECTRICAL SUPPORT, BRACING, ETC. FOR NEW CONDUIT, BOXES, LIGHT FIXTURES, ETC. AS REQ'D BY ALL APPLICABLE CODES.

F. CONTRACTOR TO REMOVE ANY UNUSED CONDUIT, WALL BOXES, ETC.

G. PATCH, PAINT, OR OTHERWISE RESTORE ANY FINISHES AFFECTED BY DEMOLITION OR RELOCATION OF ELECTRICAL DEVICES, FIXTURES, ETC.

H. PROVIDE ALL NECESSARY STRUCTURAL SUPPORT, BRACING, ETC. FOR NEW CONDUIT, BOXES, LIGHT FIXTURES, ETC. AS REQ'D BY ALL APPLICABLE CODES.

GENERAL NOTES

LEGEND

- LIGHT FIXTURE
- SWITCH
- DIMMER SWITCH
- QUAD RECEPTACLE
- DUPLEX RECEPTACLE
- COMM./DATA
- EMERGENCY LIGHT
- EXIT SIGN
- FIRE ALARM SIGNAL - STROBE & HORN
- FIRE ALARM SIGNAL - CEILING MTD.
- PANELBOARD
- DISCONNECT SWITCH
- WIRELESS ROUTER
- CAMERA
- ELECTRIFIED LOCKSET
- DOOR/WINDOW SWITCH
- PANIC BUTTON
- GLASS BREAK DETECTOR
- PIR 360° MOTION SENSOR
- KEYPAD
- INTRUSION DETECTION SYSTEM
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.
B. SEE SHEET E-001 FOR ELECTRICAL GENERAL NOTES AND LEGEND.

SHEET NOTES
1. INSTALL NEW LIGHT FIXTURES AS INDICATED. CONNECT TO EXIST. LIGHTING CIRCUITS AS REQ'D. INSTALL SWITCHES & WIRELESS OCCUPANCY SENSORS (LUTRON MAESTRO OR EQUAL) AND SWITCH FIXTURES IN ZONES AS INDICATED.
   LF-1 LITHONIA 2RTL4 4XL LF.Z.1PR40
   LF-2 LITHONIA LQM S W 3 R 120/277 EL
   FOR FIXTURES INDICATED AS EMERGENCY LIGHTS, USE EMERGENCY/NORMAL SWITCHING RELAYS. USE EXIST. EMERGENCY POWER CIRCUITS.
2. INSTALL SWITCHES. LUTRON MAESTRO OR EQUAL, AND WIRELESS OCCUPANCY SENSORS:
   MRF@-8S-DV-IV MASTER WALL SWITCH
   MA-AS-277-IV COMPANION WALL SWITCH
   LRF2-OCR2B-P-IV CEILING SENSOR
3. INSTALL RECEPTACLES AT LAY-IN PROJECTOR MOUNTS.
4. LAY-IN SPEAKERS, CAMERAS, PROJECTORS, CABLES, ETC. WILL BE INSTALLED BY AV CONTRACTOR.
5. INSTALL 2-GANG BOX FOR DATA OUTLETS ABOVE CEILING AT PROJECTORS. RUN 1" CONDUIT OR "J" HOOKS ABOVE CEILING TO NEAREST COMM. PATH.
6. NEW OCCUPANCY SENSOR. (TYPICAL OF 2)
7. INSTALL NEW FIRE ALARM AUDIO/VISUAL DEVICE.
8. NEW CEILING MOUNTED EXIT SIGN TO REPLACE EXISTING.
9. INSTALL NEW WIRELESS ROUTER.
10. EXISTING SPRINKLER. (TYPICAL OF 4)
TYPICAL A/V INSTALLATION DETAILS

AV SYSTEM NOTES

1. GENERAL CONTRACTOR TO INSTALL PROJECTOR MOUNT PROVIDED BY A/V CONTRACTOR, ANCHOR MOUNT TO CEILING DECK WITH WIRES PER CODE.
2. ELECTRICAL CONTRACTOR TO INSTALL CIRCUIT AND RECEPTACLE FOR PROJECTOR.
3. GENERAL CONTRACTOR TO INSTALL PROJECTOR SCREEN AND BRACKETS PROVIDED BY A/V CONTRACTOR.
4. ELECTRICAL CONTRACTOR TO CONNECT POWER AND LOW VOLTAGE CONTROL WIRING FOR PROJECTOR SCREEN.
5. A/V CONTRACTOR SHALL INSTALL ALL A/V EQUIPMENT & CABLEING, AND PROVIDE CAT 6 CABLE & TERMINATIONS APPROVED BY U.K. CNS.
6. U.K. CNS WILL INSTALL COMMUNICATIONS CABLES, FACEPLATE & TERMINATIONS.

AV INTERCONNECTION DIAGRAM