WHITE HALL CLASSROOM BLDG
ROOMS 335, 337 & 339 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 RENOVATES CLASSROOMS 335, 337 AND 339. RENOVATIONS INCLUDE A NEW ACoustical TILE CEILING, PAINT, NEW WINDOW BLINDS, NEW LED LIGHTING, UPDATED A/V CONFIGURATION AND UPDATED HVAC COMPONENTS.

ALTERNATE #1 - RENOVATE CLASSROOM 341
ALTERNATE #2 - RENOVATE CLASSROOM 343
ALTERNATE #3 - RENOVATE CLASSROOM 345
ALTERNATE #4 - RENOVATE CLASSROOM 347
GENERAL NOTES
A. ALL FINISHES DISTURBED OR DAMAGED DURING CONSTRUCTION THAT ARE NOT IN THE SCOPE SHALL BE PATCHED AND FINISHED TO MATCH THE ADJACENT FINISH.
B. 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 ABATED DAMAGED FLOORS, WALLS, CEILINGS, ETC., TO THEIR ORIGINAL FINISHED STATE. IF THE CONTRACTOR SUSPECTS ANY ADDITIONAL MATERIAL TO BE 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.
D. VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION/CONSTRUCTION.
E. COORDINATE ALL ROUGH OPENINGS WITH MANUFACTURER PRIOR TO DEMOLITION AND CONSTRUCTION.
F. REFER TO SHEET A-130 FOR DIMENSIONS AND NOTES.
G. REFER TO SHEET A-002 FOR FINISH SCHEDULES AND SHEET A-001 FOR GENERAL NOTES, LEGEND AND ABBREVIATION INFORMATION.
H. NOT ALL DEMOLISHED COMPONENTS WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT AND COMPONENTS AND WILL BE RESPONSIBLE THE REMOVAL OF ALL ITEMS REMAINING WITH THE OWNER PRIOR TO THE START OF CONSTRUCTION. REMOVAL OF ANY ITEM FOR THE OWNER WILL NEED TO BE COORDINATED WITH THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
I. A/V REMOVAL BY AUDIO/VISUAL CONTRACTOR.

SHEET NOTES
1. REMOVE WINDOW BLINDS AND TURN OVER TO BUILDING OPERATOR.
2. REMOVE ELECTRIC WALL MOUNTED PROJECTOR SCREEN AND STORE IN SAFE LOCATION FOR RE-INSTALLATION.
3. CHALKBOARDS TO BE PROTECTED IN PLACE.
4. REMOVE SPEAKERS AND TURN OVER TO BUILDING OPERATOR.
5. REMOVE VINYL WALL BASE.
6. REMOVE LIGHT FIXTURES AND DIFFUSERS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. REMOVE PROJECTOR MOUNT AND STORE IN SAFE LOCATION FOR RE-INSTALLATION.
8. DISCONNECT WIRELESS ROUTER AND TURN OVER TO CNS FOR REINSTALLATION AT LATER DATE.
GENERAL NOTES

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

B. 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 ABATED DAMAGED FLOORS, WALLS, CEILINGS, ETC., TO THEIR ORIGINAL CONDITION.

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.

D. VERIFY ALL DIMENSIONS PRIOR TO DEMOLITION/CONSTRUCTION.

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

F. REFER TO SHEET A-130 FOR DIMENSIONS AND DETAIL INFORMATION.

G. REFER TO SHEET A-003 FOR FINISH SCHEDULES AND SHEET A-001 FOR GENERAL NOTES.

H. NOT ALL DEMOLISHED COMPONENTS WILL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE. THE OWNER HAS FIRST RIGHT OF REFUSAL FOR ALL EQUIPMENT AND COMPONENTS AND WILL BE RESPONSIBLE THE REMOVAL OF ALL ITEMS REMAINING WITH THE OWNER PRIOR TO THE START OF CONSTRUCTION. ANY ITEM FOR THE OWNER WILL NEED TO BE COORDINATED WITH THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

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

J. AV REMOVAL BY AUDIO/VISUAL CONTRACTOR.

SHEET NOTES

1. REMOVE WINDOW BLINDS AND TURN OVER TO BUILDING OPERATOR.
2. REMOVE ELECTRIC WALL MOUNTED PROJECTOR SCREEN AND STORE IN SAFE LOCATION FOR REINSTALLATION.
3. CHALKBOARDS AND WHITE BOARDS TO BE PROTECTED IN PLACE.
4. REMOVE SPEAKERS AND TURN OVER TO BUILDING OPERATOR.
5. REMOVE LIGHT FIXTURES AND DIFFUSERS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. REMOVE PROJECTOR MOUNT AND STORE IN SAFE LOCATION FOR REINSTALLATION.
7. REMOVE CAMERA AND STORE IN SAFE LOCATION FOR REINSTALLATION.
8. DISCONNECT WIRELESS ROUTER AND TURN OVER TO C.N.S. FOR REINSTALLATION AT LATER DATE.

KEY PLAN

AREA OF WORK

THIRD FLOOR

SCALE: 1/4" = 1'-0"
A. All finishes disturbed or damaged during construction that are not in the scope, shall be patched and finished to match the adjacent finish.

B. 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 condition. The material must be identified as non-hazardous or be environmentally hazardous. Any additional material to be 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.

D. Verify all dimensions prior to demolition/construction.

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

F. Refer to Sheet A-130 for dimensions and detail information.

G. Refer to Sheet A-003 for finish schedules and Sheet A-001 for general notes.

H. Not all demolished components will be the contractors responsibility to remove. The owner has first right of refusal for all equipment and components and will be responsible the removal of all items remaining with the owner prior to the start of construction. Removal of any item for the owner will need to be coordinated with the University of Kentucky construction manager prior to construction.

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

J. AV removal by audiovisual contractor.

1. Remove window blinds and turn over to building operator.

2. Remove electric wall mounted projector screen and store in safe location for reinstallation.

3. Chalkboards and white boards to be protected in place.

4. Remove speakers and turn over to building operator.

5. Remove light fixtures and diffusers. Refer to mechanical and electrical drawings for additional information.

6. Remove projector mount and store in safe location for reinstallation.

7. Remove camera and store in safe location for reinstallation.

8. Disconnect wireless router and turn over to C.N.S. for reinstallation at later date.
GENERAL NOTES

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

B. 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, walls, ceilings, etc. to their original condition or upgrade to environmentally safe additional material to be 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.

D. Verify all dimensions prior to demolition/construction.

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

F. Refer to Sheet A-130 for dimensions and notes.

G. Refer to Sheet A-002 for finish schedules and Sheet A-001 for legend and abbreviation information.

H. Not all demolished components will be the contractor's responsibility to remove. The owner has first right of refusal for all equipment and components and will be responsible the removal of all items remaining with the owner prior to the start of construction. Removal of any item for the owner will need to be coordinated with the University of Kentucky Construction Manager prior to construction.


SHEET NOTES

1. Remove window blinds and turn over to building operator.
2. Remove electric wall mounted projector screen and store in safe location for re-installation.
3. Chalkboards to be protected in place.
4. Remove speakers and turn over to building operator.
5. Remove vinyl wall base.
6. Remove light fixtures and diffusers. Refer to mechanical and electrical drawings for additional information.
7. Remove projector mount and store in safe location for re-installation.
8. Disconnect wireless router and turn over to C.N.S. for reinstallation at later date.
GENERAL NOTES

A. See Sheet A-001 and AD-130 for Architectural General Notes, Legend and Abbreviations.
B. See Sheet M-130 for Mechanical General Notes and Legend.
C. See Sheet E-130 for Electrical General Notes and Legend.

1. Remove window blinds and turn over to building operator.
2. Remove electric wall mounted projector screen and store in safe location for re-installation.
3. Chalkboards to be protected in place.
4. Remove speakers and turn over to building operator.
5. Remove vinyl wall base.
6. Remove light fixtures and diffusers. Refer to mechanical and electrical drawings for additional information.
7. Remove projector mount and store in safe location for re-installation.
8. Disconnect wireless router and turn over to C.N.S. for reinstallation at later date.

A. See Sheet A-001 and AD-130 for Architectural General Notes, Legend and Abbreviations.
B. See Sheet M-130 for Mechanical General Notes and Legend.
C. See Sheet E-130 for Electrical General Notes and Legend.

Third Floor

Demolition Plan

Scale: 1/4" = 1'-0"
1. REMOVE WINDOW BLINDS AND TURN OVER TO BUILDING OPERATOR.
2. REMOVE ELECTRIC WALL MOUNTED PROJECTOR SCREEN AND STORE IN SAFE LOCATION FOR REINSTALLATION.
3. CHALKBOARDS AND WHITE BOARDS TO BE PROTECTED IN PLACE.
4. REMOVE SPEAKERS AND TURN OVER TO BUILDING OPERATOR.
5. REMOVE VINYL WALL BASE.
6. REMOVE LIGHT FIXTURES AND DIFFUSERS. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. REMOVE PROJECTOR AND PROJECTOR MOUNT AND STORE IN SAFE LOCATION FOR REINSTALLATION.
8. REMOVE CAMERA AND STORE IN SAFE LOCATION FOR REINSTALLATION.
9. DISCONNECT WIRELESS ROUTER AND TURN OVER TO C.N.S. FOR REINSTALLATION AT LATER DATE.

A. SEE SHEET A-001 AND AD-130 FOR ARCHITECTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
B. SEE SHEET M-130 FOR MECHANICAL GENERAL NOTES AND LEGEND.
C. SEE SHEET E-130 FOR ELECTRICAL GENERAL NOTES AND LEGEND.
1. REMOVE WINDOW BLINDS AND TURN OVER TO BUILDING OPERATOR.
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7. REMOVE PROJECTOR AND PROJECTOR MOUNT AND STORE IN SAFE LOCATION FOR REINSTALLATION.
8. REMOVE CAMERA AND STORE IN SAFE LOCATION FOR REINSTALLATION.
9. DISCONNECT WIRELESS ROUTER AND TURN OVER TO C.N.S. FOR REINSTALLATION AT LATER DATE.
GENERAL NOTES

1. GENERAL NOTES. FOR WHICHEVER SHEET THEY RESIDE, APPLY TO ALL SHEETS ON WHICH THEY ARE FOUND. ALWAYS IDENTIFY THE SHEET.

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AABBREVIATIONS AND SYMBOLS

- ACT - ACOUSTICAL CEILING TILE
- ACTUAL SIZE
- A.F.P - ABOVE FINISH FLOOR
- A.R.M.Y
- ACUTAL SIZE
- A.V - AUDIO VISUAL
- AV.
- AVIATION METER
- B.B.K
- B.M.
- B.G.L.
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## ROOM FINISH SCHEDULE

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### NOTES:

1. THOROUGHLY CLEAN FLOOR. REMOVE ALL GLUE REMAINING POLISH.
2. REMOVE EXISTING WALL BASE AND GLUE PRIOR TO INSTALLING NEW VINYL BASE.
3. NEW CEILING WILL BE INSTALLED AT 10' ABOVE FINISHED FLOOR.
4. NEW CEILING TO BE INSTALLED WITH AN ELECTRONIC LEVEL AT THE HEIGHT INDICATED ABOVE. IF EQUIPMENT DO NOT ALLOW FOR THE CEILING TO BE INSTALLED AT THIS HEIGHT. NOTIFY THE UNIVERSITY OF KENTUCKY CONSTRUCTION MANAGER.

### DETAILS

**BASEBOARD**: ROPPE 700 SERIES BLACK 4" TALL

**PAINT**
- TRIM PAINT: SHERWIN WILLIAMS 250 6068 PACER WHITE
- PAINT: SHERWIN WILLIAMS 250 6258 TRICORN BLACK

**CEILING TILE**
- ARMSTRONG: 5/8" X 24" X 24" FINE FISSURED, BEVELED TEGULAR
- USG: 5/8" X 24" X 24" RADAR, BEVELED TEGULAR

**CEILING GRID**
- ARMSTRONG: SUPRAFINE XL, 9/16" EXPOSED TEE
- USG: CENTRICITEE DXLT, 9/16" EXPOSED TEE

**COLOR**
- WHITE

**BASEBOARD**
- RUBBER BASEBOARD: ROPPE 700 SERIES BLACK 4" TALL

**PAINT**
- GENERAL PAINT: SHERWIN WILLIAMS SW 6098 PACER WHITE
- TRIM PAINT: SHERWIN WILLIAMS SW 6258 TRICORN BLACK

**EXISTING CEILING/WALLS**
- 3 5/8" METAL STUD FRAMING @ 16" O.C. WITH 5/8" GYPSUM WALL BOARD, FINISHED TO A LEVEL 4 FINISH, PRIMED, AND PAINTED (2 COATS).

**NEW SOFFIT**
- 3" x 24" ACOUSTICAL CEILING PANELS AND GRID

**NEW SOFFIT BEYOND**
- 3" x 24" ACOUSTICAL CEILING PANELS AND GRID

**LINE OF EXISTING CEILING/WALLS**
- 1 5/8" METAL STUD FRAMING @ 16" O.C. WITH 5/8" GYPSUM WALL BOARD, FINISHED TO A LEVEL 4 FINISH, PRIMED, AND PAINTED (2 COATS).

**EXISTING WINDOW**
- 3'-6" X 2'-0"

**NEW CEILING**
- EL: 11'-4"±

**BOTTOM OF SOFFIT**
- EL: 9'-11"

**WINDOW SOFFIT DETAIL**

A-002 SCALE: 1" = 1'-0"
A. See Sheet A-001 and AD-130 for architectural general notes, legends and abbreviations.
B. See Sheet M-130 for mechanical general notes and legend.
C. See Sheet E-130 for electrical general notes and legend.

1. Install new 1" aluminum window blinds to match existing.
2. Install bulkhead. Refer to detail 1A-002.
3. Install 4" vinyl wall base. Contractor to coordinate floor work with University's Project Manager.
4. Reinstall wall mounted electric projector screen. Refer to electrical drawings for additional information.
5. Patch and paint all previously painted surfaces.
6. Install new 2" x 2" acoustical ceiling tile and grid at 10'-0" above finished floor.
7. Install new light fixtures. Refer to electrical drawings for additional information.
8. Reinstall audio/visual equipment. Refer to electrical drawings for additional information.
9. New supply and return diffusers. Refer to mechanical drawings for additional information.
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
B. SEE MECHANICAL SHEET M-130 FOR MECHANICAL GENERAL NOTES AND LEGEND.
C. SEE SHEET E-130 FOR ELECTRICAL GENERAL NOTES AND LEGEND.

SHEET NOTES
1. INSTALL NEW 1" ALUMINUM WINDOW BLINDS TO MATCH EXISTING.
2. INSTALL BULKHEAD. REFER TO DETAIL 1A-002.
3. INSTALL 4" VINYL WALL BASE.
4. REINSTALL WALL MOUNTED ELECTRIC PROJECTOR SCREEN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. PATCH AND PAINT ALL PREVIOUSLY PAINTED SURFACES.
6. INSTALL NEW 2" x 2" ACOUSTICAL CEILING TILE AND GRID AT 10'-0" ABOVE FINISHED FLOOR.
7. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. REINSTALL AUDIO/VISUAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. INSTALL NEW SUPPLY AIR DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

KEY PLAN
A-131
SCALE: 3/8" = 1'-0"
GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
B. SEE SHEET M-130 FOR MECHANICAL GENERAL NOTES AND LEGEND.
C. SEE SHEET E-130 FOR ELECTRICAL GENERAL NOTES AND LEGEND.

SHEET NOTES
1. INSTALL NEW 1" ALUMINUM WINDOW BLINDS TO MATCH EXISTING.
2. INSTALL BULKHEAD. REFER TO DETAIL 1A-002.
3. INSTALL 4" VINYL WALL BASE.
4. REINSTALL WALL MOUNTED ELECTRIC PROJECTOR SCREEN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. PATCH AND PAINT ALL PREVIOUSLY PAINTED SURFACES.
6. INSTALL NEW 2" x 2" ACOUSTICAL CEILING TILE AND GRID AT 10'-0" ABOVE FINISHED FLOOR.
7. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. REINSTALL AUDIO/VISUAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. INSTALL NEW SUPPLY AIR DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
B. SEE SHEET M-130 FOR MECHANICAL GENERAL NOTES AND LEGEND.
C. SEE SHEET E-130 FOR ELECTRICAL GENERAL NOTES AND LEGEND.

KEY PLAN

SCALE: 3/8" = 1'-0"
GENERAL NOTES
A. SEE SHEET A-001 AND AD-130 FOR ARCHITECTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
B. SEE SHEET M-130 FOR MECHANICAL GENERAL NOTES AND LEGEND.

SHEET NOTES

1. INSTALL NEW 1" ALUMINUM WINDOW BLINDS TO MATCH EXISTING.
2. INSTALL BULKHEAD. REFER TO DETAIL 1/A-002.
3. INSTALL NEW 4" VINYL WALL BASE.
4. REINSTALL WALL MOUNTED ELECTRIC PROJECTOR SCREEN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. PATCH AND PAINT ALL PREVIOUSLY PAINTED SURFACES.
6. INSTALL NEW 2" x 2" ACOUSTICAL CEILING TILES AND GRID AT 10'-0" ABOVE FINISHED FLOOR.
7. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. REINSTALL AUDIO/VISUAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. NEW SUPPLY AND RETURN DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
1. INSTALL NEW 1" ALUMINUM WINDOW BLINDS TO MATCH EXISTING.
2. INSTALL BULKHEAD. REFER TO DETAIL 1/A-002.
3. INSTALL 4" VINYL WALL BASE.
4. REINSTALL WALL MOUNTED ELECTRIC PROJECTOR SCREEN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. PATCH AND PAINT ALL PREVIOUSLY PAINTED SURFACES.
6. INSTALL NEW 2" x 2" ACOUSTICAL CEILING TILE AND GRID AT 10'-0" ABOVE FINISHED FLOOR.
7. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. REINSTALL AUDIO/VISUAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. NEW SUPPLY AND RETURN DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
GENERAL NOTES
A. See Sheet A-001 and AD-130 for Architectural General Notes, Legends, and Abbreviations.
B. See Sheet M-130 for Mechanical General Notes and Legend.
C. See Sheet E-130 for Electrical General Notes and Legend.

REVIEWED:

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A-135
SCALE: 3/8" = 1'-0"
GENERAL NOTES

1. INSTALL NEW 1" ALUMINUM WINDOW BLINDS TO MATCH EXISTING.
2. INSTALL BULKHEAD. REFER TO DETAIL 1A-002.
3. CONTRACTOR TO CLEAN AND WAX EXISTING TERRAZZO FLOORING AND INSTALL 4" VINYL WALL BASE.
4. REINSTALL WALL MOUNTED ELECTRIC PROJECTOR SCREEN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5. PATCH AND PAINT ALL PREVIOUSLY PAINTED SURFACES.
6. INSTALL NEW 2" x 2" ACOUSTICAL CEILING TILE AND GRID AT 10'-0" ABOVE FINISHED FLOOR.
7. INSTALL NEW LIGHT FIXTURES. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
8. REINSTALL AUDIO/VISUAL EQUIPMENT. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
9. INSTALL NEW SUPPLY AIR DIFFUSERS. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES, LEGEND AND ABBREVIATIONS.
B. SEE SHEET M-130 FOR MECHANICAL GENERAL NOTES AND LEGEND.
C. SEE SHEET E-130 FOR ELECTRICAL GENERAL NOTES AND LEGEND.
**ENLARGED ROOM 339 DEMOLITION PLAN**

1. PRIOR TO BEGINNING OF DEMOLITION, PROVIDE CERTIFIED AIRFLOW MEASUREMENTS TO EXISTING HVAC SYSTEM TO AN INDEPENDENT NEBB OR AABC-CERTIFIED CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

2. DEMO EXISTING DIFFUSERS, CAP AND SEAL DUCTWORK AIR TIGHT.

3. EXISTING THERMOSTAT TO REMAIN.

4. CONNECT NEW BRANCH DUCT TO MAINS.

**SUPPLY AIR DUCT**

- SUPPORT FROM STRUCTURE (TYPICAL)
- OUTSIDE AIR SEAL RING
- ALUMINUM FLEXIBLE DUCT, 0'-0" MAX. LENGTH WITH EXTERIOR INSULATION
- SPIN-IN FITTING W/ BALANCING DAMPER & LOCKING QUADRANT
- CEILING DIFFUSER (SEE SCHEDULE FOR SIZES)
- CEILING OR FIXTURE LINE

**SUPPLY DIFFUSER DETAIL**

**AIR DEVICE SCHEDULE**

<table>
<thead>
<tr>
<th>MARK</th>
<th>TYPE</th>
<th>SERVICE</th>
<th>MAX AIRFLOW [CFM]</th>
<th>MAX AIR P.D. [IN W.G.]</th>
<th>NECK SIZE [IN]</th>
<th>MODULE SIZE [IN (IN. DIAM)]</th>
<th>MODULE SIZE [IN (IN)]</th>
<th>D T W (FT/150 FPM) [FT]</th>
<th>PATTERN</th>
<th>MAX NC</th>
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**GENERAL NOTES**

1. GENERAL NOTES. WHEREVER THEY ARE FOUND, APPLY TO ALL WORK IN THE PROJECT. UNLESS OTHERWISE INDICATED SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND. UNLESS OTHERWISE STATED, THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.

2. CONTRACTOR WILL UTILIZE ALL INFORMATION IN THE CONTRACT DOCUMENTS FOR PROVIDING THE WORK. CONTRACTOR WILL UTILIZE DETAILS FOR THE WORK WHERE APPROPRIATE.

3. DEMOLITION MARKS ARE APPROXIMATE.

4. 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 THOSE CONDITIONS IS PERFORMED.

5. 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 THE MEANS AND METHODS OF CONSTRUCTION SHOWN OR SPECIFIED ON THE CONTRACT DOCUMENTS.

6. 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.

7. LEGENDS OR LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL IN NATURE AND MAY CONTAIN ITEMS NOT USED IN THE CONTRACT DOCUMENTS. SUCH ITEMS ARE FOUND WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS. THE ENGINEER WILL BE CONTACTED FOR CLARIFICATION.

8. CONTRACTOR WILL PROVIDE ALL MISCELLANEOUS STEEL TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT. HAND ALL EQUIPMENT FROM STRUCTURE WITH MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL COMPONENTS TO BE INSTALLED IN SHEET METAL OR IRONGRIP 601 OR EQUAL). TAPING OF JOINTS IS WITH WATER-BASED DUCT SEALANT (UNITED MCGILL, DUCT (5'-0" MAX. LENGTH)

9. DO NOT CHANGE PATH OF DUCT RUNS. ADD TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. ALL DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS FOR SHOP OR FIELD-FABRICATED DUCT AND NORMAL SIZES FOR FACTORY FABRICATED DUCT.

10. FOR TYPICAL AIR CONNECTIONS TO EQUIPMENT, SEE SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND LEGENDS OR LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL IN NATURE AND MAY CONTAIN ITEMS NOT USED IN THE CONTRACT DOCUMENTS. SUCH ITEMS ARE FOUND WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS. THE ENGINEER WILL BE CONTACTED FOR CLARIFICATION.

11. COORDINATE ALL DUCTWORK WITH BOTH NEW AND EXISTING MECHANICAL OR ELECTRICAL ITEMS.

12. COORDINATE ALL DUCTWORK WITH BOTH NEW AND EXISTING FURNACE AND CEILING PLANS FOR FACTORY FABRICATED DUCT.

13. COORDINATE ALL DUCTWORK WITH BOTH NEW AND EXISTING COMBUSTION AIRWORK, EXTERIOR UTILITIES, AND EXISTING THERMOSTAT TO REMAIN.

14. PROVIDE ALL EXISTING DIFFUSERS. CAP AND SEAL DUCTWORK AIRFLOW MEASUREMENTS FOR EXISTING HVAC SYSTEM BY AN INDEPENDENT NEBB OR AABC-CERTIFIED CONTRACTOR.

15. PROVIDE ALL EXISTING DIFFUSERS. CAP AND SEAL DUCTWORK AIRFLOW MEASUREMENTS FOR EXISTING HVAC SYSTEM BY AN INDEPENDENT NEBB OR AABC-CERTIFIED CONTRACTOR.

16. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

17. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

18. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

19. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

20. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

21. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

22. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

23. AIR PURCHASE, INSTALLATION, AND TESTING FOR THE NEW HVAC SYSTEM ARE THE RESPONSIBILITY OF THE CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

**LEGAL NOTICES**

1. MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL AIR HANDLING UNITS AND VIBRATION ISOLATORS ON ALL ACCESSORIES. COMMUNICATIONS AND EXTERIOR UTILITIES.

2. USE TURNING VANES, PER SMACNA CONSTRUCTION DRAWING NO. T-25.

3. DAMPERS IN DUCT DO NOT ACCEPTABLE EXCEPT WHERE APPROVED IN ADVANCE BY THE ENGINEER.

4. ALLOW FOR FACTORY FABRICATED DUCT.

5. ALLOW FOR SHOP OR FIELD-FABRICATED DUCT AND NOMINAL SIZES FOR FACTORY FABRICATED DUCT.

6. ALLOW FOR FACTORY FABRICATED DUCT.

7. ALLOW FOR SHOP OR FIELD-FABRICATED DUCT AND NOMINAL SIZES FOR FACTORY FABRICATED DUCT.

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21. ALLOW FOR FACTORY FABRICATED DUCT.

22. ALLOW FOR FACTORY FABRICATED DUCT.

23. ALLOW FOR FACTORY FABRICATED DUCT.
1. PRIOR TO BEGINNING OF DEMOLITION, PROVIDE CERTIFIED AIRFLOW MEASUREMENTS FOR EXISTING HVAC SYSTEM BY AN INDEPENDENT NEBB OR AABC-CERTIFIED CONTRACTOR. AIR MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND RETURN GRILLES.

2. DEMO EXISTING DIFFUSERS, GAP AND SEAL DUCTWORK AIR TIGHT.

3. EXISTING THERMOSTAT TO REMAIN.

4. CONNECT NEW BRANCH DUCT TO MAINS.

5. PROVIDE AND INSTALL ALL EQUIPMENT AND ACCESSORIES AS STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET. SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.

6. FINAL PRODUCT SHALL BE A COMPLETE AND FUNCTIONAL 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.

7. LEGEND OR LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL IN NATURE AND MAY CONTAIN ITEMS NOT USED IN THE CONTRACT DOCUMENTS. IF ANY SUCH ITEMS ARE FOUND WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER WILL BE CONTACTED FOR CLARIFICATION.

8. CONTRACTOR WILL PROVIDE ALL MISC. STEEL TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT. HANG ALL DUCT PIPEWORK FROM STRUCTURE WITH MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR MOUNTING POINTS TO HANG ANYTHING FROM MECHANICAL OR ELECTRICAL ITEMS.

9. ALL DUCT AND OTHER WORK WHICH IS INSTALLED IN FINISHED SPACES WILL BE CONCEALED IN WALLS, FLOORS, TURENED CHASES OR SUSPENDED CEILINGS, EXCEPT FOR AIR INLETS AND OUTLETS, AS SHOWN.

10. DO NOT CHANGE PATH OF DUCT RUNS AND TURNS OR OFFSET OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. ALL DUCT SIZES SHOWN ON PLANS ARE CLEAR INSIDE DIMENSIONS FOR SHOP AREA AND FABRICATION. NO FACTORY-FABRICATED DUCT SIZES ARE TO BE USED.

11. FOR TYPICAL AIR CONNECTIONS TO EQUIPMENT, SEE STANDARD DETAILS.

12. COORDINATE ALL DUCTWORK WITH BOTH NEW AND EXISTING MECHANICAL AND ELECTRICAL WORK, INCLUDING HVAC, PLUMBING, ELECTRICAL, FIRE ALARM, SPRINKLER, COMMUNICATIONS AND EXTERIOR UTILITIES.

13. CONSULT ARCHITECT, REFLECTED CEILING PLAN FOR EXISTING ROOFS AND OUTSIDE WALLS TO DETERMINE WHERE TO BOND WITH MECHANICAL WORK AND WORK OF OTHER TRADES.

14. ALL NEW SUPPLY & RETURN DUCTWORK SHALL BE GALVANIZED STEEL. GALVANIZED STEEL IS NO LIGHTER THAN 24-GAUGE. ALL WORK MUST COMPLY WITH IRA/Duct Construction Standards.

15. ALL RADIUS DUCT ELBOWS SHALL BE LONG-RADIUS TYPE. ALL SQUARE ELBOWS SHALL HAVE TURING VANS. SQUARE METAL INSULATIONS BACKED WITH VENTS ARE NOT ALLOWED.

16. PROVIDE 1-LB/DENSITY, R-6 ALUMINIZED KRAFT PAPER-BACKED EXTERNAL INSULATION ON NEW SUPPLY & RETURN AIR DUCTWORK. SEAL ALL NEW DUCTWORK JOINTS WITH WATER-BASED DUCT SEALANT (UNITED MCGILL, IRONGRIP 601 OR EQUAL). TAPING OF JOINTS IS UNACCEPTABLE EXCEPT WHERE APPROVED IN ADVANCE BY PROJECT ENGINEER.

17. PROVIDE MANUAL DAMPERS IN ALL SUPPLY AND EXHAUST BRANCHES CONTAINING GRILLES, REGISTERS OR DIFFUSERS WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER WILL BE CONTACTED FOR CLARIFICATION.

18. USE TURNING VANES, PER SMACNA CONSTRUCTION GUIDELINES, FOR ALL METERED RECTANGULAR TURNS OF 45 DEGREES OR MORE.

19. CONTRACTOR WILL MAKE MINOR OFFSETS AND LOCATION CHANGES IN DUCT AND IN DUCT ASPECT RATIO AS REQUIRED IN CONGESTED CEILING OR SPACES.

20. UPON COMPLETION OF INSTALLATION & STARTUP OF HVAC SYSTEMS, PROVIDE CERTIFIED AIRFLOW & BALANCE REPORT BY AN INDEPENDENT NEBB OR AABC-CERTIFIED CONTRACTOR. AIR BALANCE SHALL INCLUDE ALL NEW SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND GRILLES.

21. PRIOR TO BEGINNING OF DEMOLITION, PROVIDE CERTIFIED AIRFLOW MEASUREMENTS FOR EXISTING HVAC SYSTEM BY AN INDEPENDENT DUCTWORK AIR BALANCE REPORT. AIR BALANCE SHALL INCLUDE ALL NEW SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, REGISTERS, AND GRILLES.

22. EXISTING THERMOSTATS SHALL REMAIN IN USE AND SHALL BE RE-INSTALLED AS NECESSARY TO ACCOMMODATE NEW CONSTRUCTION.

23. PER UNIVERSITY STANDARDS, A MAXIMUM OF 5'-0" OF FLEX DUCT IS ALLOWED PER DIFFUSER.
1. Prior to beginning of demolition, provide certified airflow measurements for existing HVAC system by an independent NEBB or AABC-certified contractor. Air measurements shall include all supply ducts, branch ducts, return ducts, diffusers, registers, and return grilles.

2. DEMO EXISTING DIFFUSERS, GAP AND SEAL DUCTWORK AIR TIGHT.

3. EXISTING THERMOSTATS TO REMAIN.

4. CONNECT NEW BRANCH DUCT TO MAIN.

**GENERAL NOTES**

- GENERAL NOTES. WHEREVER THEY ARE FOUND, APPLY TO ALL WORK IN THE PROJECT, UNLESS OTHERWISE INDICATED.
- SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.
- CONTRACTOR WILL UTILIZE ALL INFORMATION IN THE CONTRACT DOCUMENTS FOR PROVIDING THE WORK. CONTRACTOR WILL UTILIZE DETAILS FOR THE WORK WHERE APPROPRIATE.
- DEMOLITION MARKS ARE APPROXIMATE.
- 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 THOSE CONDITIONS IS PERFORMED.
- 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 THE STATED STANDARDS.
- 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.
- LEGENDS OR LISTS OF SYMBOLS AND ABBREVIATIONS ARE GENERAL IN NATURE AND MAY CONTAIN ITEMS NOT USED IN THE CONTRACT DOCUMENTS. IF ANY SUCH ITEMS ARE FOUND WHICH ARE NOT DEFINED ON THE PLANS OR IN THE SPECIFICATIONS, THE ENGINEER WILL BE CONTACTED FOR CLARIFICATION.
- CONTRACTOR WILL PROVIDE ALL MISCELLANEOUS STEEL TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT HANG ALL EQUIPMENT FROM STRUCTURE WITH A MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SIDES. PROVIDE HANGER SUPPORT FROM MECHANICAL OR ELECTRICAL ITEMS.
- ALL DUCT AND OTHER WORK WHICH IS INSTALLED IN FINISHED SPACES WILL BE CONCEALED IN WALLS, FLOORS, TURRET CHASES, OR SUPPORTED CEILINGS EXCEPT FOR AIR INLETS AND OUTLETS, AS SHOWN.
- DO NOT CHANGE PATH OF DUCT RUNS, ADJUST TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. ALL SIZES SHOWN ON PLANS ARE CLEAR DIMENSIONS FOR SHOP OR FIELD FABRICATION.
- SUPPLY DUCTWORK SHALL BE SIZED FOR FACTORY FABRICATED DUCT.
- DUCTWORK OF BOTH MECHANICAL AND ELECTRICAL WORK, INCLUDING HVAC, PLUMBING, ELECTRICAL, FIRE ALARM, SMOKE DETECTION AND EXHAUST SYSTEMS, SHALL BE SUPPORTED BY MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SIDES. PROVIDE HANGER SUPPORT FROM MECHANICAL OR ELECTRICAL ITEMS.
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- DO NOT CHANGE PATH OF DUCT RUNS, ADJUST TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. ALL SIZES SHOWN ON PLANS ARE CLEAR DIMENSIONS FOR SHOP OR FIELD FABRICATION.
- SUPPLY DUCTWORK SHALL BE SIZED FOR FACTORY FABRICATED DUCT.

**SEQUENCES OF OPERATIONS**

- GENERAL NOTES. WHEREVER THEY ARE FOUND, APPLY TO ALL WORK IN THE PROJECT, UNLESS OTHERWISE INDICATED.
- SHEET NOTES, UTILIZING NOTE SYMBOLS, APPLY ONLY TO THE SHEET ON WHICH THEY ARE FOUND, UNLESS OTHERWISE STATED. THE MEANING OF NOTE SYMBOLS AND NUMBERS VARIES FROM SHEET TO SHEET.
- CONTRACTOR WILL UTILIZE ALL INFORMATION IN THE CONTRACT DOCUMENTS FOR PROVIDING THE WORK. CONTRACTOR WILL UTILIZE DETAILS FOR THE WORK WHERE APPROPRIATE.
- DEMOLITION MARKS ARE APPROXIMATE.
- 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 THOSE CONDITIONS IS PERFORMED.
- 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 THE STATED STANDARDS.
- 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.
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- CONTRACTOR WILL PROVIDE ALL MISCELLANEOUS STEEL TO SUPPORT ALL MECHANICAL DUCT AND PIPING SYSTEMS AND EQUIPMENT HANG ALL EQUIPMENT FROM STRUCTURE WITH A MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SIDES. PROVIDE HANGER SUPPORT FROM MECHANICAL OR ELECTRICAL ITEMS.
- ALL DUCT AND OTHER WORK WHICH IS INSTALLED IN FINISHED SPACES WILL BE CONCEALED IN WALLS, FLOORS, TURRET CHASES, OR SUPPORTED CEILINGS EXCEPT FOR AIR INLETS AND OUTLETS, AS SHOWN.
- DO NOT CHANGE PATH OF DUCT RUNS, ADJUST TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. ALL SIZES SHOWN ON PLANS ARE CLEAR DIMENSIONS FOR SHOP OR FIELD FABRICATION.
- SUPPLY DUCTWORK SHALL BE SIZED FOR FACTORY FABRICATED DUCT.
- DUCTWORK OF BOTH MECHANICAL AND ELECTRICAL WORK, INCLUDING HVAC, PLUMBING, ELECTRICAL, FIRE ALARM, SMOKE DETECTION AND EXHAUST SYSTEMS, SHALL BE SUPPORTED BY MINIMUM OF TWO TRAPEZE ASSEMBLIES OR FOUR INTEGRAL MOUNTING POINTS WITH VIBRATION ISOLATORS ON ALL FOUR SIDES. PROVIDE HANGER SUPPORT FROM MECHANICAL OR ELECTRICAL ITEMS.
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- DO NOT CHANGE PATH OF DUCT RUNS, ADJUST TURNS OR OFFSETS OR CHANGE DUCT DIMENSIONS OR PIPE SIZE WITHOUT FIRST CONSULTING THE ENGINEER. ALL SIZES SHOWN ON PLANS ARE CLEAR DIMENSIONS FOR SHOP OR FIELD FABRICATION.
- SUPPLY DUCTWORK SHALL BE SIZED FOR FACTORY FABRICATED DUCT.

**LEGEND**

- EXISTING BUILDING UNDISTURBED AREAS
- EXISTING BUILDING WALLS, DOORS, AND WINDOWS TO REMAIN
- COMPONENT DEMOLITION
- AREA DEMOLITION
- CONNECT NEW TO EXISTING
- KEYNOTE TAG
- DIFFUSER TAG

**ENLARGED ROOM 343 DEMOLITION PLAN**

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

**ENLARGED ROOM 343 NEW WORK PLAN**

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

**SUPPLY DIFFUSER DETAIL**

- SCALE: NONE

**TAKE-OFF DETAIL**

- SCALE: NONE

**AIR DEVICE SCHEDULE**

- MARK
- TYPE
- MAX AIRFLOW
- MAX AIR P.D.
- NECK SIZE
- NECK P.D.
- MODULE SIZE
- MODULE P.D.
- FRAME
- MOUNTING
- MATERIAL
- REMARKS
- ACCESSORIES

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<th>SERVICE</th>
<th>MAX AIRFLOW (CFM)</th>
<th>MAX AIR P.D. (IN W.G.)</th>
<th>NECK SIZE (IN)</th>
<th>NECK P.D. (IN)</th>
<th>MODULE SIZE (IN)</th>
<th>MODULE P.D. (IN)</th>
<th>FRAME</th>
<th>MOUNTING</th>
<th>MATERIAL</th>
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<td>ALUMINUM</td>
<td>1. OPPOSED BLADE DIFFUSER</td>
<td>2.</td>
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ENLARGED ROOM 345
NEW WORK PLAN

1. PRIOR TO BEGINNING OF DEMOLITION, PROVIDE CERTIFIED AIRFLOW MEASUREMENTS FOR EXISTING HVAC SYSTEM BY AN INDEPENDENT NEBB OR AABG-CERTIFIED CONTRACTOR. AIRFLOW MEASUREMENTS SHALL INCLUDE ALL SUPPLY DUCTS, BRANCH DUCTS, RETURN DUCTS, DIFFUSERS, FILTERS, REGISTERS, AND RETURN GRILLES.

2. DEMO EXISTING DIFFUSERS, CAP AND SEAL DUCTWORK AIR TIGHT.

3. EXISTING THERMOSTATS SHALL REMAIN IN USE AND SHALL NOT REPLACE DAMPERS SPECIFIED AS PART OF THE AIR DEVICE SCHEDULE

4. CONTRACTOR WILL FIELD-VERIFY ALL EXISTING CONDITIONS.

5. ALL EXISTING DUCTWORK SHALL BE CANCELED IN WALLS, FLOORS, AND CEILINGS, EXCEPT FOR AIR INLETS AND OUTLETS, AS SHOWN.

6. CONSTRUCTION. HVAC CONTROLS FOR THIS PROJECT ARE EXISTING. NO CHANGES TO EXISTING CONTROLS, MOUNTING SUPPORT OR LOCATION CHANGES ARE PERMITTED EXCEPT AS DESCRIBED OR OTHERWISE STATED.

7. CONTRACTOR WILL UTILIZE ALL INFORMATION IN THE CONTRACT DOCUMENTS FOR PROVIDING THE WORK. CONTRACTOR WILL UTILIZE DETAILS FOR THE WORK WHERE APPROPRIATE.

8. DEMOLITION MARKS ARE APPROXIMATE.

9. Seismic and construction guidelines, for all mitered rectangular turns of 45 degrees or more.

10. For typical air connections to equipment, see standard details.

11. Coordinate all ductwork with both new and existing mechanical and electrical work, including HVAC, plumbing, electrical, fire alarm, sprinkler, communication and exteriors utilities.

12. All ductwork installation in furred chases or suspended ceilings, except for air inlets and outlets, as shown.

13. Typical: Ducts and fittings shown are standard fittings, unless otherwise indicated. The meaning of note symbols and numbers varies from sheet to sheet.

14. All work in the project, unless otherwise indicated, is general in nature and may contain items not used in the project documents. If any such items are found which are not defined on the plans or in the specifications, the engineer will be contacted for clarification.

15. Project the pipe work, plumbing, electrical, fire alarm, sprinkler, communications and exterior utilities, and all other mechanical and electrical work (including HVAC, plumbing, electrical, fire alarm, sprinkler, communications, and exterior utilities) as shown. Field-verify the design.

16. Provide all duct work and fittings shown. Extend duct work as required to connect new to existing. Provide all equipment and fittings shown. Provide all support brackets shown. Provide all supporting structures shown.

17. The contractor will make minor offsets and location changes in pipe and in duct aspect ratio as required in congested ceiling spaces.

18. Upon completion of installation & startup of HVAC system, provide certified air & test and balance report by an independent NEBB or AABG-CERTIFIED CONTRACTOR. Air balance shall include all new supply ducts, branch ducts, return ducts, diffusers, registers, and return grilles.

19. Supply and return ductwork shall be galvanized steel, 20 gauge, minimum.

20. All work shall be in accordance with project engineer.

21. Prove window areas shown as indicated.

22. All work shall be in accordance with project engineer.

23. Not replace dampers specified as part of the air terminal assembly or vice versa.

24. Use turning vanes, per smacna construction guidelines, for all mitered rectangular turns of 45 degrees or more.
1. REMOVE CEILING MTD. LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
3. REMOVE WALL MTD. SPEAKERS, WIREMOLD, ETC.
4. DISCONNECT POWER TO EXISTING PROJECTOR SCREEN.
1. REMOVE CEILING MTD. LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
3. REMOVE WALL MTD. SPEAKERS, WIREMOLD, AND CABLING.
4. DISCONNECT POWER TO EXISTING PROJECTION SCREEN.
1. REMOVE CEILING MTD. LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
3. REMOVE WALL MTD. SPEAKERS, WIREMOLD, AND CABLING.
4. DISCONNECT POWER TO EXISTING PROJECTION SCREEN.
ELECTRICAL DEMOLITION PLAN

ELECT. CEILING DEMOLITION PLAN

SHEET NOTES

1. REMOVE CEILING MTD. LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
3. REMOVE WALL MTD. SPEAKERS, WIREMOLD, ETC.
4. DISCONNECT POWER TO EXISTING PROJECTOR SCREEN.

AREA OF WORK

THIRD FLOOR
ELECTRICAL DEMOLITION PLAN

ED-134 SCALE: 1/4" = 1'-0"

1. REMOVE LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE WALL MTD. SPEAKERS, WIREMOLD, ETC.
3. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
4. DISCONNECT POWER TO EXISTING PROJECTOR SCREEN.

ELECT. CEILING DEMOLITION PLAN

ED-134 SCALE: 1/4" = 1'-0"

1. REMOVE CEILING MTD. LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
3. REMOVE WALL MTD. SPEAKERS, WIREMOLD, ETC.
4. DISCONNECT POWER TO EXISTING PROJECTOR SCREEN.
1. Remove ceiling MTD. light fixtures, conduit, wiring, etc.
2. Remove projector mount and ceiling receptacle.
3. Remove wall MTD. speakers, wiremold, and cabling.
4. Relocate wiremold & cabling on front wall to above new ceiling.
5. Relocate exist. wireless unit to new ceiling as req’d.
6. Disconnect power to existing projection screen.
1. REMOVE CEILING MTD. LIGHT FIXTURES, CONDUIT, WIRING, ETC.
2. REMOVE PROJECTOR MOUNT AND CEILING RECEPTACLE.
3. REMOVE WALL MTD. SPEAKERS, WIREMOLD, AND CABLING.
4. DISCONNECT POWER TO EXISTING PROJECTION SCREEN.

ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

CEILING DEMOLITION PLAN
SCALE: 1/4" = 1'-0"
GENERAL NOTES

1. GENERAL CONTRACTOR SHALL COORDINATE ALL WORK WITH ELECTRICAL CONTRACTOR.
2. 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.
3. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ELECTRICAL INSPECTIONS. INSPECTION REPORTS AND CERTIFICATES SHALL BE PROVIDED TO U.K. CONSTRUCTION MANAGER.
4. 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.
5. FIRESTOP ALL WALL & FLOOR PENETRATIONS WITH FIRE CAULK ON BOTH SIDES. SUBMIT CUT SHEET FOR FIRE RESISTANT ASSEMBLY USED TO U.K. CONSTRUCTION MANAGER.
6. PROVIDE ALL NECESSARY STRUCTURAL SUPPORT, BRACING, ETC. FOR NEW CONDUIT, BOXES, LIGHT FIXTURES, ETC. AS REQD. BY ALL APPLICABLE CODES.
7. CONTRACTOR TO REMOVE ANY Unused CONDUIT, WALL BOXES ETC.
8. 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
LIGHTING/CEILING PLAN

SCALE: 1/4" = 1'-0"

1. NEW LIGHT FIXTURES, LITHONIA 2RTLED 40L EZ1 LP840. SWITCH FIXTURES IN ZONES FROM FRONT TO REAR. PROVIDE CEILING MOUNTED OCCUPANCY SENSOR.

2. INSTALL CEILING MTD. RECEPTACLE ON PROJECTOR MOUNT IN SINGLE-GANG KNOCKOUT. CONNECT TO EXIST. CIRCUIT AS REQD. USE SINGLE-GANG KNOCKOUT & S.S. COVER PLATE. PROVIDE 6 FT. WHIP TO ALLOW FOR RELOCATION.

3. LAY-IN SPEAKERS, PROJECTORS, LECTURE CAPTURE CAMERA AND CABLING WILL BE INSTALLED BY A/V CONTRACTOR.

4. INSTALL CEILING MOUNTED FIRE ALARM HORN/STROBE, SIMPLEX 4606-9140. CONNECT TO EXIST. FIRE ALARM SYSTEM AS REQD.

5. RECONNECT POWER TO REINSTALLED PROJECTION SCREEN.
NEW LIGHT FIXTURES, LITHONIA 2RTLED 40L EZ1 LP840. SWITCH FIXTURES IN ZONES FROM FRONT TO REAR. PROVIDE CEILING MTD. OCCUPANCY SENSOR.

INSTALL CEILING MTD. RECEPTACLE ON PROJECTOR MOUNT IN SINGLE-GANG KNOCKOUT. CONNECT TO EXIST. CIRCUIT AS REQ'D. USE SINGLE-GANG KNOCKOUT & STAINLESS STEEL COVER PLATE. PROVIDE 6 FT. WHIP TO ALLOW FOR RELOCATION.

LAY-IN SPEAKERS, PROJECTORS, LECTURE CAPTURE CAMERA, AND CABLING WILL BE INSTALLED BY A/V CONTRACTOR.

INSTALL CEILING MOUNTED FIRE ALARM HORN/STROBE, SIMPLEX 4906-9140. CONNECT TO EXIST. FIRE ALARM SYSTEM AS REQ'D.

RECONNECT POWER TO REINSTALLED PROJECTION SCREEN.
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND.
B. SEE SHEET M-132 FOR MECHANICAL GENERAL NOTES AND LEGEND.

1. NEW LIGHT FIXTURES, LITHONIA 2RTLED 40L EZ1 LP840. SWITCH FIXTURES IN ZONES FROM FRONT TO REAR. PROVIDE CEILING MTD. OCCUPANCY SENSOR.
2. INSTALL CEILING MTD. RECEPTACLE ON PROJECTOR MOUNT IN SINGLE-GANG KNOCKOUT. CONNECT TO EXIST. CIRCUIT AS REQ'D. USE SINGLE-GANG KNOCKOUT & STAINLESS STEEL COVER PLATE. PROVIDE 6 FT. WHIP TO ALLOW FOR RELOCATION.
3. LAY-IN SPEAKERS, PROJECTORS, LECTURE CAPTURE CAMERA, AND CABLING WILL BE INSTALLED BY A/V CONTRACTOR.
4. INSTALL CEILING MOUNTED FIRE ALARM HORN/STROBE, SIMPLEX 4906-9140. CONNECT TO EXIST. FIRE ALARM SYSTEM AS REQ'D.
5. RECONNECT POWER TO REINSTALLED PROJECTION SCREEN.
SHEET NOTES

1. NEW LIGHT FIXTURES, LITHONIA 2RTLED 40W EZ1 LP40. SWITCH FIXTURES IN ZONES FROM FRONT TO REAR. PROVIDE CEILING MOUNTED OCCUPANCY SENSOR.

2. INSTALL CEILING MTD. RECEPTACLE ON PROJECTOR MOUNT IN SINGLE-GANG KNOCKOUT. CONNECT TO EXIST. CIRCUIT AS REQ'D. PROVIDE 6 FT. WHIP TO ALLOW FOR RELOCATION.

3. LAY-IN SPEAKERS, PROJECTORS, LECTURE CAPTURE CAMERA AND CABLEING WILL BE INSTALLED BY A/V CONTRACTOR.

4. INSTALL CEILING MOUNTED FIRE ALARM HORN/STROBE, SIMPLEX 4906-9140. CONNECT TO EXIST. FIRE ALARM SYSTEM AS REQ'D.

5. RECONNECT POWER TO REINSTALLED PROJECTOR SCREEN.

LIGHTING/CEILING PLAN

E-133 SCALE: 1/4" = 1'-0"
1. New light fixtures, Lithonia 2RTLED 40L EZ1 LP840. Switch fixtures in zones from front to rear. Provide ceiling mounted occupancy sensor.

2. 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.

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

4. Install ceiling mounted fire alarm horn/strobe, Simplex 4905-1940. Connect to exist. fire alarm system as req'd.
LIGHTING & CEILING PLAN

E-135
SCALE: 1/4" = 1'-0"

KEY PLAN

AREA OF WORK
THIRD FLOOR

ELECTRICAL FLOOR PLANS - ROOM 345

ROOM345, 337, & 339 RENOVATION PROJECT - ALTERNATE #3 ROOM 345
WHITE HALL CLASSROOM BUILDING

GENERAL NOTES
A. SEE SHEET A-001 FOR ARCHITECTURAL GENERAL NOTES AND LEGEND
B. SEE SHEET M-135 FOR MECHANICAL GENERAL NOTES AND LEGEND

SHEET NOTES
1. NEW LIGHT FIXTURES, LITHONIA 2RTLED 4X1 24W E40 XPS. SWITCH FIXTURES IN ZONES FROM FRONT TO REAR. PROVIDE CEILING MTD. OCCUPANCY SENSOR.
2. INSTALL CEILING MTD. RECEPTACLE ON PROJECTOR MOUNT IN SINGLE-GANG KNOCKOUT. CONNECT TO EXIST. CIRCUIT AS REQ'D. USE SINGLE-GANG KNOCKOUT & STAINLESS STEEL COVER PLATE. PROVIDE 6 FT. WHIP TO ALLOW FOR RELOCATION.
3. LAY-IN SPEAKERS, PROJECTORS, LECTURE CAPTURE CAMERA, AND CABLE WILL BE INSTALLED BY A/V CONTRACTOR.
4. INSTALL CEILING MOUNTED FIRE ALARM HORN/STROBE, SIMPLEX 4906-9140. CONNECT TO EXIST. FIRE ALARM SYSTEM AS REQ'D.
5. RELOCATED WIRELESS UNIT.
6. RUN DATA DROP FOR PROJECTOR.
7. RECONNECT POWER TO REINSTALLED PROJECTOR SCREEN.
A. See Sheet A-001 for architectural general notes and legend.

B. See Sheet M-136 for mechanical general notes and legend.

--- SHEET NOTES ---

1. New light fixtures, Lithonia 2RTLED 40L EZ1 LP840. Switch fixtures in zones from front to rear. Provide ceiling mounted occupancy sensor.

2. Install ceiling art. Receptacle on projector mount in single-gang knockout. Connect to existing circuit as needed. Use single-gang knockout & stainless steel cover plate. Provide 8 ft whip to allow for relocation.

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

4. Install ceiling mounted fire alarm horn/strobe, Simplex 4116-0140. Connect to existing fire alarm system as needed.

5. Reconnect power to reinstalled projector screen.

--- LIGHTING & CEILING PLAN ---

E-136 Scale: 1/4" = 1'-0"
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 SHALL INSTALL CONDUIT, RACEWAY, "J"-HOOKS, ETC.

5. ELECTRICAL CONTRACTOR TO CONNECT POWER AND LOW VOLTAGE CONTROL WIRING FOR PROJECTOR SCREEN.

6. A/V CONTRACTOR SHALL INSTALL ALL A/V EQUIPMENT & CABLING, AND PROVIDE CAT 6 CABLE & TERMINATIONS APPROVED BY U.K. CNS.

7. U.K. CNS WILL INSTALL COMMUNICATIONS CABLES, FACEPLATE & TERMINATIONS.